

## Historic, archived document

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# HASTINGS' SEEDS



PINK and  
WHITE  
MAMAN  
COCHET  
ROSES

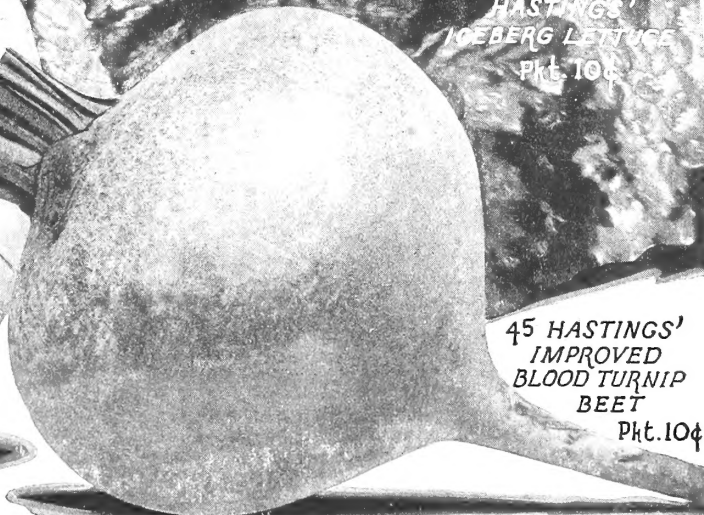
FALL 1927  
74th Catalog



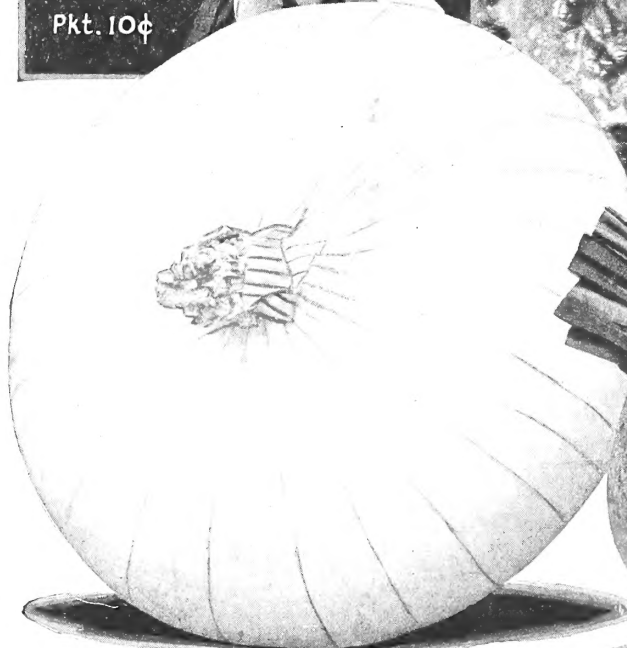
1728  
SWEET PEA  
DOBBIE'S CREAM  
Pkt. 10¢



216  
HASTINGS'  
ICEBERG LETTUCE  
Pkt. 10¢



45 HASTINGS'  
IMPROVED  
BLOOD TURNIP  
BEET  
Pkt. 10¢



288 HASTINGS' BERMUDA ONION Pkt. 10¢

# HASTINGS' BIG 7 TURNIP COLLECTION

7 Full Ounces

7 Varieties

35¢

postpaid

H.G.HASTINGS  
CO.

ATLANTA  
GEORGIA

476  
EXTRA EARLY WHITE EGG  
PKT. 5¢. OZ. 10¢

467  
EARLY WHITE FLAT DUTCH  
PKT. 5¢. OZ. 10¢

466  
EARLY RED OR  
PURPLE TOP  
PKT. 5¢. OZ. 10¢

475 PURPLE OR  
RED TOP GLOBE  
PKT. 5¢. OZ. 10¢

469  
YELLOW OR AMBER GLOBE  
PKT. 5¢. OZ. 10¢

477  
SEVEN TOP  
PKT. 5¢  
OZ. 10¢

468  
HASTINGS' IMPROVED  
AMERICAN BUTABAGA  
PKT. 5¢. OZ. 10¢



**Remember---No order too large or too small to send to HASTINGS'**

[illegible]

**TEAR OFF ALONG THIS LINE**

## Seed Premiums

## Seed Premiums

Please read carefully so that you understand this offer fully. When you order seeds in packets and ounces to the amount of one dollar or over you can select other seeds in packets only to the amount of 25 cents on each dollar's worth of packets and ounces ordered. This does not apply to the larger sized packages, such as quarter-pounds, pounds, two-pounds, etc., nor does it apply on special collections of seeds, onion sets, plants or bulbs. You can not order a dollar's worth of seeds in packets and ounces and then select a quarter-pound of something priced at 25c, or a pound of peas or beans as a premium; neither can you order a dollar's worth of seeds in quarter-pounds, pounds or two-pounds, and then select 25 cents' worth of seeds in packets. To be entitled to these premium seeds you must order seeds in packets and ounces to the amount of a dollar or more, and then select the premium seeds in packets only. **We shall be glad to have you select the premium seeds that your order may entitle you to under this offer.**

# WE HAVE NO AGENTS

Your order for Seeds, Plants, Bulbs, Nursery Stock, Garden Supplies—all you need in all your planting work—should be mailed direct to Hastings' in Atlanta, Ga.

We ask you to do this for your own benefit and protection, so you will obtain exactly what you want and the quality you should expect.

Hastings' Seeds, Plants and Bulbs are well known in every county in the entire South, all over America and in localities in many countries around the world.

Sometimes traveling agents with absolutely no responsibility nor authority, take advantage of our customers' confidence. With Hastings' Catalogs and order books in hand, they try to take orders and the money or a deposit. Others may actually deliver some seeds. Paper or magazine subscription agents offer seed premiums and such, supposed to be Hastings' Seeds.

WE HAVE ABSOLUTELY NO AGENTS AND NO BRANCH HOUSES. Perishable goods, like plants, are often shipped to you direct from our growing station but all orders and all correspondence should be sent direct to us in Atlanta.

We have tried in many ways to reach our customers to their best advantage. We have found the only safe and sane way is to handle all orders through the company headquarters in Atlanta.

Atlanta is centrally located to reach the whole South. It is the logical distribution center for the South; it is a splendid railroad and mail center. We don't say this just to boost Atlanta. We moved the business here long ago because we could serve the South best from here, care for these seeds better here and get them to you in the best growing condition.

We are as near to you as your mail box. It is to our advantage to supply you with the best that grows and that, as always, is our purpose in caring for your order this fall.

## You Can Have a Good Fall Garden in Your State

**Beans** Bush varieties can be planted in the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas, also in North and South Carolina up to August 15th; in the southern half of these States named up to September 1st. Pole snap varieties like Old Homestead, also the pole and bush beans, can be planted in the southern half up to August 15th. In Florida plant all kinds during August; the bush varieties during September, and in South Florida beans can be planted with more or less safety during all the fall and winter months.

**Beets** The turnip-shaped varieties such as Hastings' Improved Blood Turnip, Eclipse and Lentz Extra Early can be planted in August in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and in the Carolinas during August and first half of September. In the southern half of the Gulf States beet planting can continue until about October 15. In Florida, Southwest Texas and many of the more protected Gulf Coast sections the planting of beets may be continued during all of the fall and winter months. In Florida beets should be planted in October, November and December.

**Cauliflower** Planting of Cauliflower is not advised during the fall months except in Florida, Southwest Texas and well protected spots along the Gulf Coast. Seed had best be sown in late September or October for maturing in early spring months. Cauliflower will not stand heat, and to be successful must be matured not later than April 1st in those sections. The same is true of Broccoli, which resembles Cauliflower closely.

**Cabbage** In the Lower South, Florida, Southwest Texas and the Gulf Coast sections this is the most important fall sown vegetable crop. Early varieties such as the Wakefield can be planted in northern half of Georgia, Alabama, Louisiana, Mississippi, Texas and in the Carolinas in August for maturing before cold weather comes. In the southern half of these States planting may be made in September and October of the flat varieties: Fla. Drumhead, Surehead, Sure Crop, Centennial Late Flat Dutch, for maturing during the late winter months. In Florida, the immediate Gulf Coast sections and Southwest Texas the bulk of seed planting should be during the month of October for March and April maturity. Cabbage is a half hardy vegetable and will stand considerable cold without serious injury except when "in bud," that is, the beginning of the formation of the head. If frozen at that time it is apt to run to seed without forming heads.

**Carrots** Suitable for August planting in the northern half of the South, for September planting in the southern half. For Florida, Southwest Texas and close to the Gulf, plantings may be made almost any time up to December. The carrot is a vegetable that should be more largely planted in the South in the fall as well as in the spring.

**Celery** We do not advise the planting of celery in the fall except in Florida, Southwest Texas and in the protected spots along the Gulf. In that section August and September plantings are the most desirable for March and April maturity.

**Cucumber** While looked on as an almost strictly spring vegetable it can be planted in August and early September for quick maturity along the Gulf Coast and in Florida. Limited areas of this are found profitable in South Florida for shipments North during the winter months.

**Eggplant** Not advised for planting in the fall except in South Florida. July and August plantings will mature in that State in about 110 days, and like cucumbers, limited areas are found profitable for shipments from South Florida during the winter months. Peppers are adapted to similar conditions.

**Kale or Borecole** Entirely hardy in all parts of the South in any average winter. In the northern half of the South, September and October sowings are the best. In Florida and Gulf Coast sections plant up to January first. Kale should be in every garden in the South for winter and spring greens.

**Lettuce** One of the most widely grown and largely planted of the "salad" vegetables. Requires rich or well manured soil and plenty of moisture for quick growth. In northern Georgia, Alabama, Mississippi, Texas and the Carolinas, sowing of lettuce can be made during August and up to September 15th. In the southern half, these sowings can be continued up to October 1st. In Florida, Southwest Texas and protected Gulf Coast points plantings may be continued all through the fall and winter, although the best months are October and November. Where the garden has cold-frames or protected beds, lettuce can be planted and grown in them during all the fall and winter months in the northern districts.

**Mustard** Largely planted in family gardens in both fall and spring. In the more northern sections of the South, August, September and October sowings are best. In Florida and the Gulf Coast sections October sowings are the best, although in Florida continuous sowings can be made October to February.

**Onions** Plant sets of the hardy varieties (Yellow Globe and Silverskin) in the northern half of the South in September and October; in the southern half plant from September to December. In the southern half, also Florida and Southwest Texas, plant seed of the Bermuda during October. Sets of all the onions can be planted all through the fall in that section, but the Bermuda varieties from seed are preferable.

**Garden or English Peas** Extra earlies such as Surprise and Alaska can be planted in northern half of Georgia, Alabama, Mississippi and Louisiana in August; in the southern half, plantings of them can be made as late as September 15th. In Florida, South Texas and near the Gulf, plantings can be made both of the extra earlies and second earlies, such as Home Delight and Bliss' Everbearing almost any time during the fall and winter months. Peas are fairly hardy except when in bloom.

**Radishes** In the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and both the Carolinas, succession plantings of radishes may be made every ten days to two weeks from August 15th to October 15th. In the southern half of those States, also Florida, plantings may begin in September and continue at intervals all through the fall months. Good or well fertilized soil, with sufficient moisture to insure quick growth is necessary to make crisp, tender radishes.

**Squash** We would not advise planting this in the northern half of this general district except between August 1st and 15th. In the southern half plantings can be made up to September 1st. In South Florida the bush squashes can be planted almost at pleasure any time during the fall months.

**Spinach** Most of our Southern people like "greens" during winter and spring, and for this purpose there is nothing better than spinach. The seed does not germinate freely in warm weather, so that planting should be deferred until weather cools down. It is perfectly hardy, standing any ordinary winter weather, making growth all through the winter and spring. For Florida and Gulf Coast sections, November and December plantings are best.

**Tomatoes** Plant in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and the Carolinas up to August 1st. In the lower half to August 15th and in Florida and Southern Texas they make a regular fall and early winter crop for shipment and home use. If plants are frozen the green fruit will ripen in the house.

**Turnips** This is the old standby in Southern fall gardens. In all the States except Florida, South Texas and immediate Gulf Coast sections the planting season opens with rutabagas in July and August, followed two or three weeks later by the bulb varieties of turnips such as Purple Top Globe, Flat Dutch, White Egg, Purple Top Flat, etc., followed in September and October by the "salad" varieties like Seven Top.

# Read Directions for Ordering

Send all orders direct to H. G. Hastings Co., Atlanta, Ga. We have no agents.

**Liberal Premiums** Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds, or two pounds), the purchaser may select 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Cost of Sending Money** In all cases where the order for seed amounts to one dollar or more, the cost of postoffice or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one-cent and two-cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the order amount is paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**About Warranty** H. G. HASTINGS CO. gives no warranty, either express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept. No responsible seedsmen gives any warranty.

**We Pay the Postage** On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, pound and two-pound quantities, we pay the postage and guarantee safe delivery by mail. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "not prepaid" price is named.

**You Pay the Postage** When you order five pounds or more of any kind of seeds at "Not Prepaid" prices stated in the catalog, you pay the postage, express or freight. The same applies to quantity lots of bulbs and plants listed at "Not Prepaid" prices.

When you order seeds in 5 or 10 pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your post office or mail box it is best to have them come by parcel post.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid IN ADVANCE and you must send us the amount of postage in addition to the cost of the seeds.

Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

**How to Figure Postage** First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from Atlanta. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 20 cents; for the 3rd zone 34 cents; for the 4th zone 61 cents and so on. With the above table it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much it will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments. 50 pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

## APPROXIMATE LOCATION OF ZONES

**GEORGIA**—Largely in the 1st and 2nd zones. Extreme southern part is in 3rd zone.

**ALABAMA**—Eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.

**FLORIDA**—The northern part is in the 3rd, the rest is in the 4th, except extreme southern part in 5th zone.

**MISSISSIPPI**—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.

**LOUISIANA AND ARKANSAS**—Both entirely in the 4th zone.

**TEXAS**—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.

**TENNESSEE**—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.

**KENTUCKY**—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.

**SOUTH CAROLINA**—Western part in 2nd, balance in 3rd zone.

**NORTH CAROLINA**—Extreme western part in 2nd, the rest in 3rd zone except extreme eastern part which is in the 4th zone.

## Parcel Post Zone Rates

Wt. In lbs.	Zone 1 & 2	Zone 3rd	Zone 4th	Zone 5th	Zone 6th	Zone 7th	Zone 8th
1	\$0.07	\$0.08	\$0.09	\$0.10	\$0.11	\$0.13	\$0.14
2	.08	.10	.13	.16	.19	.23	.26
3	.09	.12	.17	.22	.27	.33	.38
4	.10	.14	.21	.28	.35	.43	.50
5	.11	.16	.25	.34	.43	.53	.62
6	.12	.18	.29	.40	.51	.63	.74
7	.13	.20	.33	.46	.59	.73	.86
8	.14	.22	.37	.52	.67	.83	.98
9	.15	.24	.41	.58	.75	.93	1.10
10	.16	.26	.45	.64	.83	1.03	1.22
11	.17	.28	.49	.70	.91	1.13	1.34
12	.18	.30	.53	.76	.99	1.23	1.46
13	.19	.32	.57	.82	1.07	1.33	1.58
14	.20	.34	.61	.88	1.15	1.43	1.70
15	.21	.36	.65	.94	1.23	1.53	1.82
16	.22	.38	.69	1.00	1.31	1.63	1.94
17	.23	.40	.73	1.06	1.39	1.73	2.06
18	.24	.42	.77	1.12	1.47	1.83	2.18
19	.25	.44	.81	1.18	1.55	1.93	2.30
20	.26	.46	.85	1.24	1.63	2.03	2.42
21	.27	.48	.89	1.30	1.71	2.13	2.54
22	.28	.50	.93	1.36	1.79	2.23	2.66
23	.29	.52	.97	1.42	1.87	2.33	2.78
24	.30	.54	1.01	1.48	1.95	2.43	2.90
25	.31	.56	1.05	1.54	2.03	2.53	3.02
26	.32	.58	1.09	1.60	2.11	2.63	3.14
27	.33	.60	1.13	1.66	2.19	2.73	3.26
28	.34	.62	1.17	1.72	2.27	2.83	3.38
29	.35	.64	1.21	1.78	2.35	2.93	3.50
30	.36	.66	1.25	1.84	2.43	3.03	3.62
31	.37	.68	1.29	1.90	2.51	3.13	3.74
32	.38	.70	1.33	1.96	2.59	3.23	3.86
33	.39	.72	1.37	2.02	2.67	3.33	3.98
34	.40	.74	1.41	2.08	2.75	3.43	4.10
35	.41	.76	1.45	2.14	2.83	3.53	4.22
36	.42	.78	1.49	2.20	2.91	3.63	4.34
37	.43	.80	1.53	2.26	2.99	3.73	4.46
38	.44	.82	1.57	2.32	3.07	3.83	4.58
39	.45	.84	1.61	2.38	3.15	3.93	4.70
40	.46	.86	1.65	2.44	3.23	4.03	4.82
41	.47	.88	1.69	2.50	3.31	4.13	4.94
42	.48	.90	1.73	2.56	3.39	4.23	5.06
43	.49	.92	1.77	2.62	3.47	4.33	5.18
44	.50	.94	1.81	2.68	3.55	4.43	5.30
45	.51	.96	1.85	2.74	3.63	4.53	5.42
50	.56	1.06	2.05	3.04	4.03	5.03	6.02
55	.61	1.16					
60	.66	1.26					
65	.71	1.36					
70	.76	1.46					

Zones are based on the distance you are from the shipping point, Atlanta, Ga. Up to 150 miles from Atlanta is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1000 is 5th, 1000 to 1400 is 6th, 1400 to 1800 is 7th, over 1800 is 8th zone. The new service tax is included above.



# Hastings' Evergreen Lawn Mixture

**550** Notice the Evergreen lawn on the inside rear cover page. You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year around and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring. Follow our "Culture" directions closely and failure will hardly be possible.

**PRICES**—Pound, 55c. 5 Pounds, \$2.50. Not Prepaid—10 Lbs., 40c per Lb. 100 Lbs., 35c per Lb. Prices subject to change.

**LAWN CULTURE** Sow Hastings' Lawn Grass Mixtures this fall early, for new lawns or reseeding old lawns. For new or remade lawns, spade or plow 12 inches deep. Remove all rocks and litter. Apply one bag (50 lbs.) of hydrated, air slacked, lime to cover 1,000 sq. ft. (plat 20x50 feet) and harrow or rake in. 5 to 10 days after liming, apply 100 pounds Pulverized Sheep Manure to each 1,000 square feet. (Never use stable or barnyard manure. Wizard Brand Sheep Manure is subjected to intense heat to destroy weeds, disease and all plant life and so is best). Mix in the sheep manure by spading or plowing. Apply garden or lawn fertilizer (commercially known as 8-4-4), 50 lbs. per 1,000 sq. ft. Rake thoroughly, mixing fertilizer with soil and working the soil down fine and smooth. Sow the seed carefully so not to skip spots. 5 lbs. of seed will plant 1,000 sq. ft. (20x50 ft.) Plant a plenty of seed or you won't have a thick, velvety lawn. Wizard Brand Sheep Manure is listed on Page 47. You should be able to get 8-4-4 Fertilizer and Hydrated Lime locally. However, we shall be glad to quote you prices if you desire.

**Evergreens and Shrubs** Every home has the need of Evergreens and Hardy Flowering and Ornamental Shrubs. They are used in all landscape plans for house foundation plantings, hedges, screens, clumps, groups, borders, and specimen plants about the lawn or house. When making or remaking your lawn this fall is the time also to prepare for plantings of these Evergreens and Deciduous Shrubs. Along with the finest seeds, plants and bulbs in America we are also growing some of the finest ornamental nursery stock in the country. Write for our Special Nursery Catalog if at all interested. We are here to serve you best in all your planting needs. Get "Everything That Grows" from Hastings!



**550** Hastings' Evergreen Lawn Grass, properly planted during the fall months will make your house into "The Home Beautiful." Lawn Grasses are a great specialty with us and special mixtures for golf courses, polo grounds, lawn tennis courts, parks, subdivisions and pastures are our most interesting problems. Our success is due to the highest grade seeds and experience.

**552 Hastings' Sunny South Mixture** For the lower half of the South we recommend the planting of this special mixture, in the fall and winter months particularly, for a velvety green lawn all through the winter and spring until the hot sun of midsummer kills it down, unless regularly watered. These grasses are largely fast growing and make a quicker show than any other mixture. They are all good lawn varieties and will give satisfaction. This mixture is also good for very sunny locations farther North but "Evergreen" is finer and better. In planting, follow Lawn Culture directions above. When you make a lawn, plant it properly. Lawns are easily made if done right. Remember, for a quick show and a heavy green lawn this is the best mixture you can plant. Hastings' Sunny South Mixture.

**PRICES**—Lb., 50c. 5 Lbs., \$2.25. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c per Lb. Prices subject to change.

**Other Grasses** See Page 48 for individual grasses and Hastings' Permanent Pasture Mixture. White Dutch Clover for lawns is on Page 42. Our Kentucky Blue Grass, Red Top, Rye Grasses, Fescue, etc., are the heaviest, plumpest, purest seeds the market affords. We do not handle off-grades. Our separate varieties of this fancy seed are used in our mixtures and our formulas are definite. That's why prices are subject to change instead of the mixtures.

**555 Hastings' Shady Lawn Mixture** For quite a while after the war it was impossible to obtain, certainly at prices within reason, certain grass seeds, including Creeping Bent Grass, from Europe. These are essential for our mixture to plant in shady places. The surface roots of trees take the water and plant food away from grass and when trees are in full leaf they shade the ground too much for many grasses. Our Shady Lawn Mixture is made to give you a beautiful lawn and to hold its own, as well as grass can, in the shade. Most lawns have shady places, because trees are very desirable. Bare spots in the lawn look bad and so we urge you to plant your shady places with this special mixture after thoroughly preparing the soil. Follow Lawn Culture directions above. Recommended for the northern half of the South and farther North.

**PRICES**—Lb., 60c. 5 Lbs., \$2.75. Not Prepaid—10 Lbs., 45c per Lb. 100 Lbs., 40c per Lb. Prices subject to change.



(6) Hastings' Stringless Green Pod Beans

**Culture** Beans are planted through the summer until September in the Central South. In Florida and Gulf Coast sections even later. Plant 3 to 4 inches apart, covering seed 2 inches, in rows 18 to 24 inches apart. One pound plants 75 feet of row, about 75 pounds (1½ bu.) plants one acre. Beans are ready to use in 6 to 13 weeks.

**14 Hastings' Excelsior Refugee Bean** For late summer and early fall plantings; early and heavy bearing. More resistant to hot summer sun and wet conditions than any other Bean. Vigorous grower; medium-sized round green pods of fine flavor; holds pods well off the ground. Desirable for the home garden, a money-maker for local markets or shipment. **Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (peck), \$2.65. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.**

**13 Improved Round Pod Refugee (1,000 to 1)** Similar to Excelsior Refugee except much heavier bearer and 10 to 14 days later maturing. Resistant to drought and cold, a great shipper and canner. Used almost exclusively in parts of Florida for shipment. **Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$3.00. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.**

**25 Hastings' Extra Early Red Valentine** The standard bush bean in the South for home use, marketing and shipping. Erect growth, holding pods off the ground, uniform in size and maturity; 5 to 6 inch, round, meaty pods of good flavor. Splendid early heavy bearer. **Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.00. 100 Lbs., \$15.00.**

**23 Extra Early Black Valentine** The black seeded valentine bean. Extremely hardy; resistant to heat and cold. Dark green, 6 inch, slender, round, almost straight, stringy pods. **Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$2.75. 60 Lbs. (bu.), \$10.20. 100 Lbs., \$17.00.**

**6 Hastings' Stringless Green Pod** The highest quality bean of them all. It's the only variety we plant in our own home gardens. Too tender for best shipping, but it has no equal for home use and nearby markets. Early, prolific, round, smooth, 5 inch stringless pods of the finest flavor. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.00. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.**

**21 Stringless Green Refugee** Prolific, fine quality, medium-late maturing, stringless green round podded bush bean of good flavor. Especially demanded for canning but desirable for other purposes. Attractive appearance. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.**

**20 Sure Crop Stringless Wax** Very prolific and the finest Wax Bean. Handsome, rich yellow, 6 to 7-inch pods, almost round, very meaty and sweet; stringless at 11 times. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.00. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.**

**16 Wardwells Kidney Wax** Extra early, vigorous, very prolific, rust-resistant Bean. Tender, almost stringless, fine flavored showy white wax pods. Desirable for market or home use. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.**

**29 Davis White Wax** Immensely productive market variety with large, bright yellow, straight, flat, stringy pods. Rather poor quality except for shell beans but beautiful appearance. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c.**

**32 Prolific Black Wax** Extra prolific strain of the old German Black Wax. Larger, better grower and heavier bearer. Yellow pods. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., \$3.50. 60 Lbs., \$12.60. 100 Lbs., \$21.00.**

**22 Tennessee Green Pod** Great extra early garden favorite. Heavy bearing, large, broad meaty pods of fine flavor and stringless in snap stage. Slightly irregular shape, about ¾ inches wide by 6½ inches long. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., \$3.25. 60 Lbs., \$12.00. 100 Lbs., \$20.00.**

**19 EARLY WONDER—PROLIFIC NAVY BEAN** A Bush Bean. The first thoroughly satisfactory factory white seeded shell bush bean we have found for the South. Also good for snaps; grows 16 to 20 inches high, well set with medium size pods that do not shatter or rot on vines. Crop ripens uniformly and may be cut, dried and threshed. **Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lbs. or over, 20c per Lb. Plant a plenty.**

## HASTINGS' ASPARAGUS

**1 Palmetto Asparagus Seed** A very early and prolific variety which has been the standard variety for many years. Produces large, deep green shoots of the best quality. Regular in growth and very easily grown from seed. **Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.**

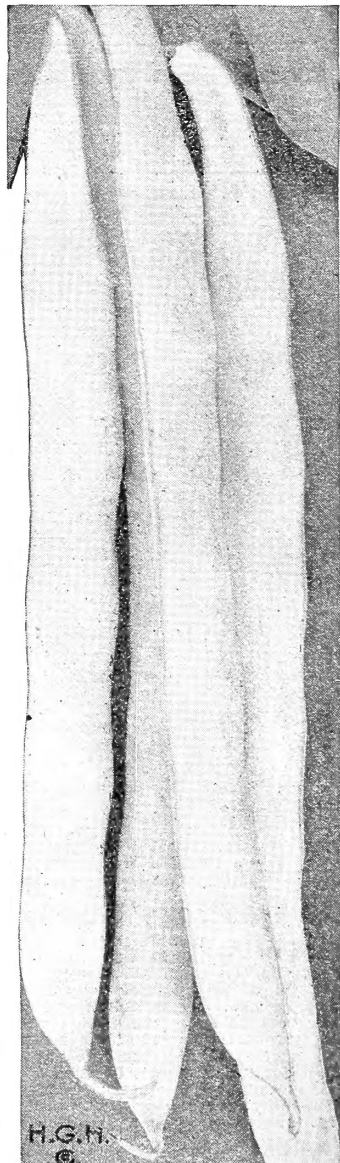
**Palmetto Roots** Our large Hastings' Plantation grown roots save one to two years time in producing Asparagus for cutting and results are generally more satisfactory than from seed. Order now. Roots will be shipped when dug after killing frost, about December 1st. **50 roots, 75c. 100 roots, \$1.25. Not Prepaid—100 roots, 85c. 1,000, \$6.00.**

**2 Washington Asparagus Seed** The finest and largest Asparagus now grown. Extremely resistant to rust, vigorous grower and the most uniform market type of all so-called rust-resistant varieties. This is without doubt the best Asparagus grown today, giant sized, high-yielding and very tender. **Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.**

### Washington Roots

It will pay you to plant some of these fine large roots even if you already have on Asparagus bed. Save 1½ to 2 years time and have the tenderest and finest looking "tips" from these roots. Order now. Roots will be shipped when dug after killing frost, about December 1st. **50 roots, \$1.00. 100 roots, \$1.50. Not Prepaid—100 roots, \$1.00. \$7.50 per thousand.**

## BUSH BEANS



Wax beans have a delicious creamy or buttery flavor. Try them.

(20) Sure Crop Stringless Wax

## "SNAP BEANS"—"DRY SHELL BEANS"

Many home gardeners neglect a splendid opportunity in late summer and early fall. All these beans bear heavily and if pods are left to fully mature, there is an abundance for dry shelled beans. The same is true of lima or butter beans.

**26 McCASLAN POLE BEAN** This superb pole bean of Georgia origin, introduced by us in 1912, has been acknowledged by every seed trade expert who has seen it as the best pole bean in existence, the one pole bean, as one of them said, that "beats Kentucky Wonder." It is the heaviest bearing bean in existence. The large pods fill perfectly and in the "snap" stage are deep green, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the pure white shell beans are most excellent for winter use. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**15 Texas Prolific, Old Homestead, Kentucky Wonder** Known under all three names and liked everywhere pole beans are grown. Planted in late summer or early fall it begins to bear in about 50 days and all through fall and until frost it puts on heavier crops of its extra large, deliciously flavored pods than from early spring plantings. Pods 6 to 12 inches long, well rounded out, meaty, tender and practically stringless. Immensely prolific. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.00. 100 Lbs., \$15.00.

**5 Kentucky Wonder Wax** Yellow podded form of Kentucky Wonder and equal to it in all respects. Pods long, thick, meaty, stringless, deeply saddle-backed, buttery flavor and very prolific. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs., \$3.50. 60 Lbs. (bu.), \$13.20. 100 Lbs., \$22.00.

**18 Hastings' Genuine Cornfield** The satisfactory, heavy bearing cornfield bean. Green podded, creasebacked, round, well filled, 6-inch, nearly straight pods. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs., \$3.00. 60 Lbs., \$10.80. 100 Lbs., \$18.00.

## LIMA OR BUTTER BEANS

**8 Yopp Pole Lima** Try this wonderful new Kentucky variety. Sets pods from first blooms even in lower South and bears heavily early to late. Quality fine when green or dry; medium-sized white seeds. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$4.00. 60 Lbs. (bu.), \$15.00. 100 Lbs., \$25.00.

**9 Small White Pole Lima** Also known as small lima or "Sieva" bean. Climbing form of the Henderson Bush Lima. Very prolific, hardy grower for "butter beans" and continuous bearer of tender and delicious beans. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs., \$3.00. 60 Lbs., \$10.80. 100 Lbs., \$18.00.

**10 Large White Pole Lima** The true large lima pole bean. Vigorous grower with extra large greenish white beans. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**27 Florida Butter Bean** The only other true pole lima sure to set pods from the earliest blooms. Will make an abundant crop under seasonal conditions that cause other varieties to fail. Seeds of the Small Lima or "Sieva" size, but are speckled white and brownish red. We are told that our Florida Butter Bean is resistant to the Bean Beetle. We cannot say for sure yet. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

## 33 Fordhook Bush Lima

Beyond any question the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely but all the branches held upright. This is a true bush form of the potato or large thick seed bush lima. From four to six days earlier than other varieties of this class. Pods are in clusters of four to eight and well filled with delicious large beans that in quality surpass by far all other lima beans. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

## 34 Improved Burpee

**Bush Lima** A true and improved bush form of the large white lima pole bean with extra large seed-beans. Bears heavy crops late in the season. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

## 17 Jackson Wonder

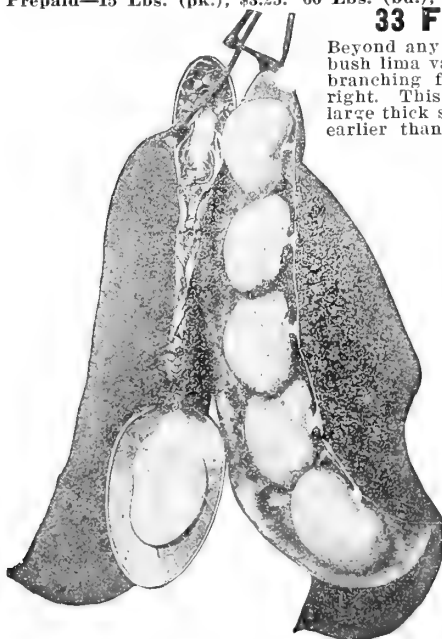
Most prolific of all limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in driest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 inches to 2 feet high; good for shell beans as well as summer and fall use; seeds of brownish color. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

## 7 Henderson Bush Lima

Smallest but most prolific of all the pure white seeded lima varieties, being a true bush form of the small lima or "Sieva." Begins to bear with summer planting in about 50 days. It is one of the most popular varieties and a wonderful bush bean for every garden in the South. Very rich, tender and extremely delicious. See illustration. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.65. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.



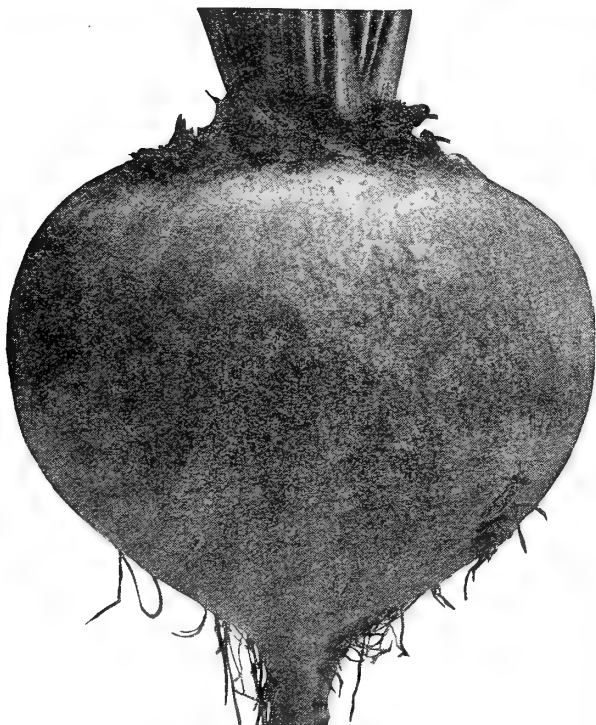
(15) Texas Prolific—Old Homestead—Kentucky Wonder Pole Bean. Type of McCaslan



(7) Henderson Bush Lima Beans



# HASTINGS' SUPERIOR GARDEN BEET SEED



(45) Hastings' Improved Blood Turnip Beet

## 50 Lentz Extra Early

A splendid variety which is for shipment to Northern markets. Nearly as early as the Egyptian but larger and of extra fine quality. Flesh red with white zones, tender and sweet at all stages of growth. Small top and in favorable seasons can be used 6 to 7 weeks from sowing. Very productive, a splendid keeper and shipper. It has become the leader of all early varieties in the South. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50. Not Prepaid—10 Lbs. or over, 80c per Lb.

## 40 Hastings' Eclipse Blood Turnip Beet

The most popular market gardeners' beet for the South as well as a favorite for home gardens for summer and fall planting. Fine form, smooth and free from stringy roots. Small top, rapid grower. Color a deep red, which it retains fully after being cooked; quality extra fine, very sweet and tender; a heavy bearer and its handsome appearance makes it an easy seller when placed on the market either locally or after long distance shipments. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75. Not Prepaid—10 Lbs. or over, \$1.00 per Lb.

## 44 Half-Long Blood Beet

A favorite for late use, intermediate length between our Improved Blood Turnip Beet and the Long Smooth. Color a deep blood red, smooth and free from stringy roots. In quality it is tender and sweet and remains in good condition for a long time after maturity. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.75. Not Prepaid—10 Lbs. or over, 85c per Lb.

## 49 Long Smooth Blood Beet

An old-time favorite in the South; it has long, smooth, blood red roots growing well down into the soil, enabling it to resist drought and heat. A few of these should be planted in every garden for use after all the other varieties are gone. This beet can be stored or banked for later use, as it keeps well, and although it is large it is of exceptional quality and flavor. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.75. Not Prepaid—10 Lbs. or over, 85c per Lb.

## 43 Swiss Chard Beet

Probably no vegetable is coming into popular favor more rapidly than Swiss Chard or Sea Kale, as it is frequently called in Europe. It is grown for its leaves only as it does not make a bulbous, edible root like the other varieties. The leaves grow large and upright and as the outer leaves are cut more come from the center. The mid-rib or center stem of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens, or if desired the whole leaf can be boiled and served as "greens." There is a delicious, delicate flavor not found in either turnips or kale. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50.

**Note** You need and want the highest quality beet seed you can get for market crops or for the home garden. Hastings' Beet Seed is bred and carefully selected to give you real satisfaction, beet seed which, when planted here in the South, makes the smoothest, cleanest, finest formed beets that can be grown.

The South does not appreciate, plant and use beets as much as it should. Sown thickly the young plants when thinned out make splendid "greens." Planted any time up to September 15th they make splendid young beets for fall and early winter use.

## Culture

Sow in rich or well-manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In this latitude sow from July to September 15th; in Florida and Gulf Coast sections plantings can be made from September to January. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." In light sandy soils cover seed 2 inches; in stiff clay not over 1 inch. Young beets ready for use in 50 to 70 days, according to variety. Quantity of seed required: 1 ounce to 50 feet of row; 6 to 8 pounds per acre. Maturity, 6 to 11 weeks.

## 45 Hastings' Improved Blood Turnip Beet

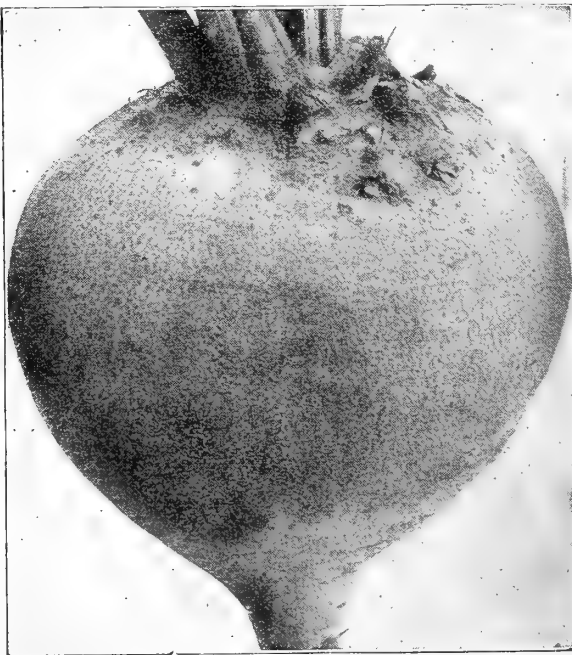
Sometimes called DETROIT DARK RED. Most popular variety for home use and nearby markets. An improvement by our growers over the Early Blood Turnip Beet. Color a deep blood red. A fine even form, very uniform in growth, as shown in our illustration from a photograph; medium early and very productive, tender, free from stringiness and very sweet, good for either home or market use and most valuable variety for succession sowings. This is the finest all-round garden beet in existence and the most uniform in both shape and color of them all. Most popular Beet grown. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs., or over, \$1.25 per Lb.

## 42 Crosby Early Egyptian

A vast improvement over the old Extra Early Egyptian Blood Turnip and almost as early. It is ready for use before any other variety except the old variety and of far better quality. Tops are small and the smooth roots are flattened globe shape. Roots bright red and flesh is bright vermilion-red, zoned lighter, very sweet, tender and fine quality. Excellent for early outdoor planting and bunching for sale or for home use. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs. or over, \$1.25 per Lb.

## 46 Hastings' Crimson King

Also called Crimson Globe. Of turnip shape, very uniform in size, shape and color. Sweet, tender and in favorable seasons has been ready for use in 6 weeks from sowing. A splendid all season beet. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75. Not Prepaid—10 Lbs. or over, \$1.00 per Lb.

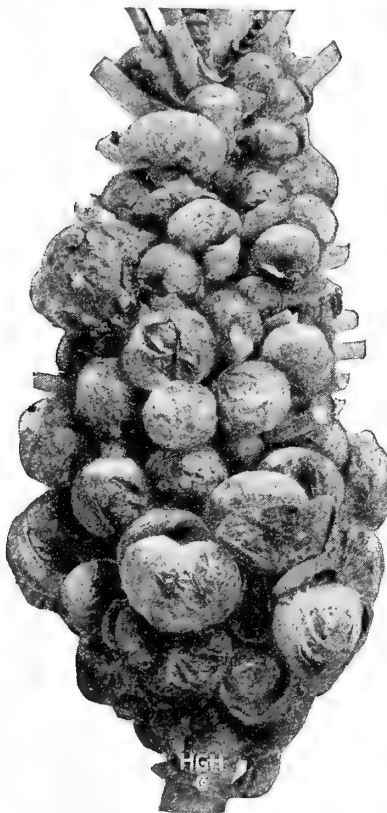


(40) Hastings' Eclipse Blood Turnip Beet

# MANGELS AND HALF SUGARS

**41 Jumbo Long Red Mangel** Largest and heaviest yielder in the South of all the true Mangel beets. Roots grow from one-half to two-thirds above the surface and are usually eighteen inches to two feet long and four to six inches in diameter. The tonnage, or yield, per acre on rich or well fertilized ground is something immense. The Jumbo Mangel or the White French Half-Sugar Mangel ought to be planted on every farm in the South where cows are kept through the winter. They are certainly the greatest stock feed you can find and the increased flow of milk through the winter makes the growing and feeding well worth your while. **Plant 10 Lbs. per acre in 2½ to 3-foot rows. Oz., 10c. ¼ Lb., 20c. Lb., 60c. Not Prepaid—10 Lbs. or over, 40c per Lb.**

**51 White French Half-Sugar Mangel** While possibly not quite as heavy a yielder per acre as the Jumbo Long Red, its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milk cows. It is as easily grown in the South as the garden variety of beet and should be let grown to full maturity to secure the largest yields. Roots are very large, smooth, clean skin, of oval shape and grow with the top of the bulb two or three inches above ground and consequently are more easily pulled. **Oz., 10c. ¼ Lb., 20c. Lb., 60c. Not Prepaid—10 Lbs. or over, 40c per Lb.**



(59) Imp. Dwarf Brussels Sprouts

growing, with bright deep green leaves. The dense mass of deeply divided leaves formed in the center is easily blanched to a rich cream color. For blanching, when nearly grown, tie up or shade the heads while dry. Finest and most wholesome for salads and flavoring. **Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00.**

**192 Escarole, Broad Leaved Batavian** This Endive variety has wide, twisted or waved bright green leaves, with thick, nearly white midribs. The inside leaves form a head which blanches creamy white. Crisp and tender, desirable for garden or market. **Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00.**

**194 FETTICUS or CORN SALAD** Large Green Cabbaging. For winter or spring salad or garnishing; a good substitute for lettuce or spinach. Doesn't do well in hot weather so plant in fall or as early as possible in spring. **Ounce plants thirty feet of row. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50.**

**Broccoli** A vegetable very closely related to cauliflower, from which it is supposed to have come. Give the same culture as for Cauliflower, and in the Southern States, unless you are an expert cauliflower grower, Broccoli will make a surer header for you. There are many also kept from growing cauliflower by the high price of the seed. To those we recommend Broccoli.

**56 White Cape Broccoli** The Cape Broccoli is the best type for the South and you will do well to have it in your garden this year. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. **Packet, 15c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50.**

**Brussels Sprouts** A very highly esteemed member of the cabbage family, especially desirable for late summer and fall planting in Florida and the Gulf Coast section. The "sprouts" are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in all parts of the lower South. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground, like cabbage.

**59 Improved Dwarf** The most desirable variety compact "sprouts" of the best quality. **Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.**

**131 CHERVIL** Aromatic plant for seasoning or salad with lettuce. Broadcast in October or November for winter or spring use. **Packet, 10c. 3 packets, 25c.**

**132 CRESS, Extra Curled** This tastes the same as Water Cress and is easily grown in spring, summer or fall. Make frequent plantings as the plant soon runs to seed. **Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25.**

**133 WATER CRESS** Hardy plant, easily grown in shallow fresh water. Start seed in moist earth and transplant to water. Refreshing leaves fine for salads and garnishes. **Packet, 10c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.50.**

**Endive** One of the best salads for fall and winter use and very desirable for greens, flavoring soups and stews and for garnishing. You should grow Endive because it is really worth while. It is a shame so few people know about this splendid and beautiful salad plant. Sow seed in July or August for fall use or early in spring for early summer use. Drill shallowly and thin out or transplant in good soil. **Ounce plants 50 feet of row.**

**193 Early Green Curled Endive** Standard and most popular Endive for market or home use. Hardy, vigorous and easily grown in spring, summer or fall. Finest and most wholesome for salads and



(41) Jumbo Long Red Mangel

## MISCELLANEOUS FALL AND WINTER SEEDS FOR THE FAR SOUTH

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
Cantaloupe or Muskmelon:					
231 Hastings' Eden Gem.....	10	20	50	1.75	8.00
243 Hastings' Salmon Flesh Eden Gem.....	10	20	50	1.75	8.00
236 Edwards' Perfecto.....	10	20	50	1.75	8.00
241 Burrell Gem, Pink Rocky Ford.....	10	20	50	1.50	7.00
233 Banana.....	10	20	50	1.50	7.00
240 Montreal Market.....	10	15	40	1.25	5.75
237 Rocky Ford.....	05	10	30	1.00	4.50
230 Early Hackensack.....	05	10	30	1.00	4.50
242 Nixon, Georgia Muskmelon.....	10	20	50	1.75	8.00
232 Texas Cannonball.....	10	15	40	1.25	5.75
244 Honey Dew Melon.....	10	20	65	2.00	9.50
245 Honey Ball Melon.....	10	25	90	3.00	12.50

Note! Prices on 10 Lb. Lots are Not Prepaid.

F.O.B.

	Pkt.	Lb.	2 Lbs.	10 Lbs.
Sweet and Roasting Ear Corn:				
151 Yexo Sugar, Earliest Large.....	10	40	70	@ .20
152 Country Gentleman.....	10	40	70	@ .20
167 Golden Bantam.....	10	40	70	@ .20
168 Evergreen Golden Bantam.....	10	40	70	@ .20
153 Stowells Evergreen.....	10	40	70	@ .20
156 Black Mexican.....	10	40	70	@ .20
160 Popcorn—White Rice.....	10	35	60	@ .15
154 Adams Large Early.....	10	30	50	@ .15
150 Trucker's Favorite.....	10	30	50	Pk. 1.25
140 Hastings' Prolific Field Corn.....	10	30	50	Pk. 1.00



(118) Copenhagen Market—Earliest Large Round Cabbage

**118 Copenhagen Market** Heads exceptionally large for this extra early variety, solid and of excellent quality. Growth vigorous but compact, short stem upright and with few outer leaves. Heads nearly round, medium light green, thick and smooth. Practically as early as Early Jersey Wakefield and undoubtedly the best of its type, valuable for home and market. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.**

**121 All-Head Early** Our "All-Head Early" is an early flat-headed variety that is a sure header with half a chance and is well named on account of its few outer leaves and medium sized, very firm solid heads. About one week earlier than the old favorite "Early Summer" and is the finest in existence for this type. **Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**125 Steins Early Flat Dutch** A very popular variety for South Texas and Gulf Coast sections. Holds in good condition for a long time after being cut. Desirable for both market and home. **Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**122 Early Summer** A splendid second and early cabbage, ten days to two weeks later than the Jersey Wakefield. It has a medium-sized head, very uniform in size and shape and of extra good flavor. It does splendidly in late summer and fall. **Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**101 Hastings' Sure Crop** Earliest of all the large round flat varieties. Equally good for home use or shipment. On good rich soil with proper cultivation it makes heads weighing from 8 to 12 pounds. Very firm and solid, uniform in shape, and well flattened. Quality is most excellent, being crisp and tender and when rightfully cared for scarcely a plant fails to form a good head. Color a dark green, holding up well after being cut. Good late summer variety. **Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**100 All Seasons** As improved by us during the past few years, is a most valuable cabbage for the South. Heads are large and solid; flattened on top. It is a good, reliable header and resists heat and drought well. **Premier Brand. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**103 Perfection Savoy** Best of the Savoy varieties, the best and tenderest of all cabbages. As this variety does not head well in hot weather it is pre-eminently a home garden variety for planting in late summer and fall for heading up during late fall and winter. Frosts improve the quality and flavor. Beautifully crumpled and "savoyed." **Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.**

# CABBAGE

**Culture** Sow seed in 6-inch drills, across a finely prepared bed, 5 or 6 seeds per inch. Cover seed ¼ inch in heavy soils, ½ inch in light sandy soils; firm the soil after planting and water the bed thoroughly. Keep beds moist but not wet. Transplant when plants are about six inches tall on a cloudy day, just before a rain or in late afternoon, leaving only the leaves above the surface. Cultivate very shallow but frequently. For fall planting, one ounce of seed usually makes about 1,000 plants. Plant ½ to ¾ pound of seed for plants for an acre.

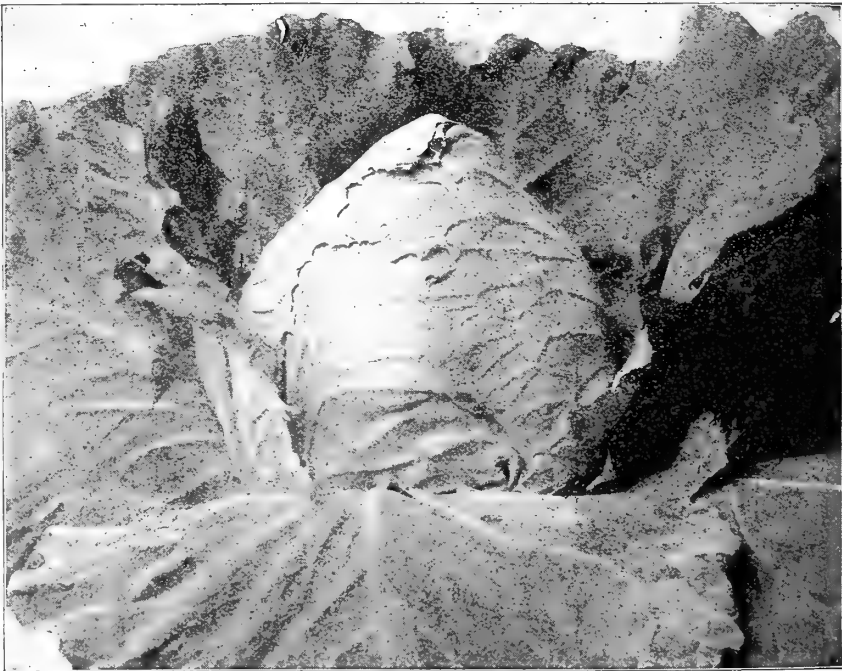
**106 Selected Early Jersey Wakefield** Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of our strain of this variety. It's grown with the greatest care, and a well-cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield you cannot afford to be without our extra select seed. It pays to use it. **Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75. 5 Lbs., \$13.00.**

**105 Hastings' Long Island Wakefield Cabbage** Largest, earliest and surest header of any of the large Wakefield varieties. Earlier, larger and finer bred than other strains of Charleston Wakefield.

1½ to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good soil and favorable weather conditions it is often ready for use in 50 days from transplanting. It is the right variety for those desiring the best pointed cabbage. It makes a splendid first early cabbage for home use. We believe that this is the very best pointed Cabbage there is grown and our strain of seed is the best. **Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75. 5 Lbs., \$13.00.**

**104 Early Winningstadt** An old favorite variety planted almost entirely for early family use. Heads weigh 1½ to 2 lbs. and are pointed. **Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.**

**107 Charleston Wakefield** Similar to Early Jersey Wakefield, about two weeks later in maturing and weighs about one pound more to the head. **Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75. 5 Lbs., \$13.00.**



(105) Hastings' Long Island Wakefield, the Best Large Early Pointed Cabbage

**120 Hastings' Genuine Surehead** Probably the most popular and most generally planted in the South of all varieties of cabbage. It is the result of a cross between Early Flat Dutch and one of the Drumhead varieties, resulting in a superb medium-sized hard-headed cabbage of mid-season maturity. Surehead is an exceptionally good variety for late summer and early fall plantings in Florida and Gulf Coast sections for maturing in winter. A very vigorous grower, uniform in size, shape and color. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.

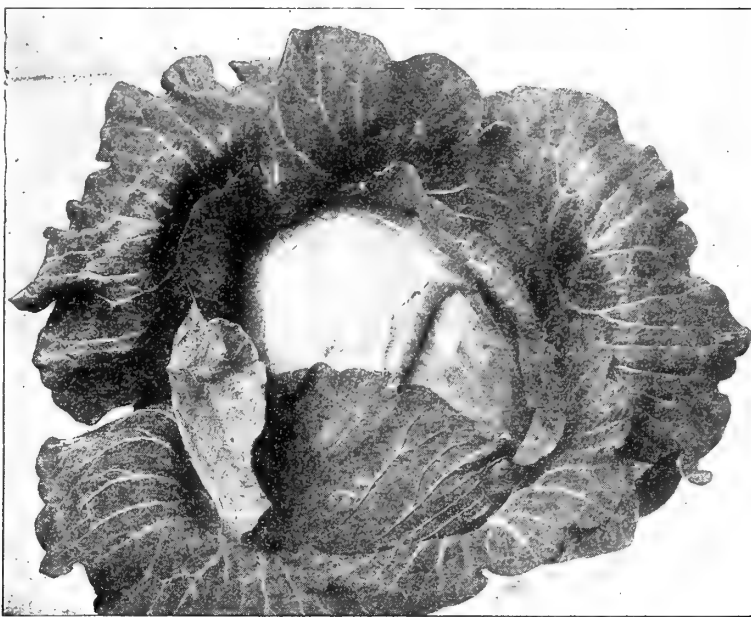
**116 Succession** Medium to large size, solid and a reliable header, long a favorite with Southern market gardeners and shippers. A good second early and is a splendid general-purpose cabbage for fall plantings. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.

**111 Danish Ball Head** A handsome hardy, late cabbage; medium-sized, very hard heads. The only objection that can be raised to this variety is the irregular character of growth of the plant, which, however, does not seem to affect its valuable, hard-heading qualities. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**117 Blood Red Erfurt** Best red cabbage. Medium size and sure heading variety. Largely used for pickling purposes. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**110 Hastings' Centennial Flat Dutch Cabbage** This is beyond question the best of the large cabbages to plant for winter and spring maturity in the South. It is both a heat and cold resisting sort and its exceeding great vigor in growth makes it a success under conditions where other varieties fail. It's a large, well-flattened type of cabbage that holds up fine in long-distance shipping. On very rich soil there is a tendency to grow too large, but this is easily controlled by rather close planting. This is the variety that takes so many prizes for large, heavy, perfect heads at the fairs. Pkt., 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.

**126 Chinese Cabbage—Pe Tsai, Chokurei** The leading variety for home and market use. Finest in flavor and quality of all cabbages. Stripping off the outer leaves, you have a picture of lettuce and celery (midribs) combined—cool, crisp and inviting. Cook like cabbage, use for salads, as celery or asparagus. Heart is pure white, tender, sweet and delicate in taste. Very hardy and will keep over winter if stored in a good cellar. Plant in early fall in Florida and along the Gulf Coast. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.



(120) Hastings' Genuine Surehead Cabbage

## BIG 4 CABBAGE COLLECTION—25c

"Big 4" FINEST VARIETIES Copenhagen Market, Long Island Wakefield, Hastings' Genuine Surehead and Centennial Late Flat Dutch are four of the best Cabbages in cultivation, giving you a continuous supply, early, medium and late. These would regularly cost you 40c. Any not used this fall will come in mighty well for spring planting. This is the best bargain of the best varieties offered by any seed house we know. Take full advantage of this splendid offer. Don't wait until planting time and expect to get Hastings' seeds from your merchant. We do not send out commission boxes of seeds. Be sure you get fresh seeds, ready to grow, direct from Hastings' in Atlanta. It will pay you always to get the very best seeds that grow. 4 Packets, 4 varieties, Only 25c. Postpaid.



(110) Hastings' Centennial Late Flat Dutch—The Greatest Cropper Known

## CABBAGE PLANTS

### HASTINGS' FROST PROOF CABBAGE PLANTS

Varieties—Early Jersey Wakefield, Large Charleston Wakefield, Early Flat Dutch and Copenhagen Market. By Parcel Post, Postpaid to Your Address.

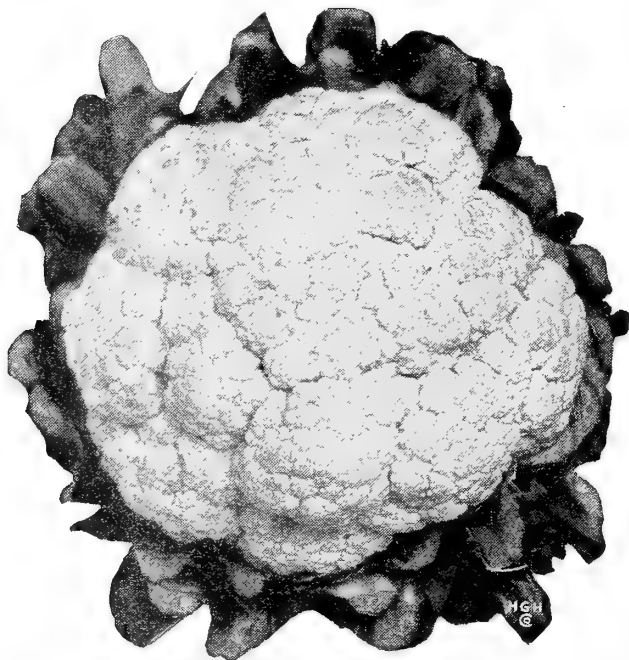
Frost-proof cabbage plants for December planting do wonderfully well in all the lower South and we expect to supply plants in any quantity after December 1st. These cabbage plants will stand frost with little or no damage and will generally stand light freezes. They are fine for the early season top prices for market gardeners and valuable to the home gardener who wants earliness and wants to avoid seed planting and transplanting tender plants with danger of frosts.

Send in your order at any time and we will ship the plants to you as soon as they reach the proper size for transplanting after December 1st. No California orders accepted because of state law causing delay and serious damage to plants before reaching destination.

**NOTE:** You may want your plants about December 1st, middle of December or later. Be sure state on your order the name of variety wanted and about when you want shipment. We will ship as close to that date as possible. No C. O. D. Shipments.

**POSTPAID PRICES**—On small shipments we will furnish 100 plants of any one variety for 50 cents, postpaid. No order for less than 100 plants of any variety filled. Orders are filled by the hundred—not 250 or 350—but 200, 300, or 400. 500 Cabbage Plants, all of the same variety, \$1.60. 1,000 or more, all of the same variety, \$3.00 per 1,000, postpaid to any address except in California. Write for larger quantity prices. Absolutely no Plants Shipped C. O. D.





(85) Hastings' Gilt Edge—Best Early Cauliflower for the South

# CAULIFLOWER

Cauliflower is one of our most delicious garden vegetables. Most of us have let truck and market gardeners grow it for us because of the wrong idea that it is hard to grow. Anyone can be reasonably sure of success with Cauliflower when planting Hastings' Seeds and it's away ahead of cabbage in quality and flavor.

We import all of our Cauliflower seed direct from the most reliable growers in Europe. No Cauliflower seed of value is produced in America and the best seed of Europe is needed for success. We sell only the very highest grade it is possible to grow.

**Culture** Does best in rich well-tilled soil; will do in a well-manured soil. Sow in seed bed same time as you would cabbage. Transplant when 3 to 4 inches high; give plenty of water in dry weather. Keep wet, hoe thoroughly and often. In Florida and along the Gulf, sow the seed in September, October and November. The plants will stand light frosts and should be planted so as to head in cool weather because they will not head properly in hot weather. One ounce of seed will make 1,000 good plants. Set plants about 18 inches apart in row. Matures in 3 to 4 months.

**85 Hastings' Gilt Edge** "Gilt Edge" is rightly named. It is "Gilt Edge" in every respect. It is the largest, most perfect, and surest header of all the early varieties, and in quality it is unexcelled. One specimen was sent to our store by a gardener which, when the leaves were trimmed off, weighed 7 pounds and 8 ounces, the largest head of early cauliflower we have ever seen in the South.

In general appearance Gilt Edge is like Snowball, but is much larger, a sure header, and stands much longer without decay than any other. Cauliflower should be more generally grown and there is no variety equal to Gilt Edge where a sure crop of the finest quality is wanted. **Packet, 25c. ¼ Oz., 75c. ½ Oz., \$1.25. Oz., \$2.25. ¼ Lb., \$8.00. Lb., \$30.00.**

**86 Early Snowball** A fine early variety second only in value to the Gilt Edge. **Packet, 20c. ¼ Oz., 65c. ½ Oz., \$1.15. Oz., \$2.00. ¼ Lb., \$7.50. Lb., \$28.00.**

**87 PARIS WHITE. 88 LE NORMAND'S SHORT STEM. 89 LARGE LATE ALGIERS. 90 AUTUMN GIANT.** All good, well known varieties of Cauliflower. Each: **Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00.**

# COLLARDS

The collard is an old-time favorite adapted to all parts of the South, and as a producer of "greens" for boiling in winter and spring it has no equal. It will pay you to have a collard patch just to give your cows an occasional taste of "green stuff." Sow any time up to September 15. When plants are 6 inches high transplant to open ground, setting plants 2 feet apart in the row. Cultivate like cabbage. Sow one ounce of seed to 200 feet of row. **Collards mature in 3 to 4 months.**

**135 Southern or Georgia** This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. Is very hardy, standing ordinary winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. **Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.50.**

**136 GEORGIA CABBAGE-COLLARD** New and very valuable variety. A cross between collards and Charleston Wakefield Cabbage, giving a cabbage-like flavor and it heads up like a cabbage. This was originated at the Georgia Experiment Station by Prof. H. P. Stuckey and the seed is grown for us by him. It is as hardy as collards, not even winter-killing with ice and snow, and stands the hot weather as well. The loose heads are not as large as many cabbages, but they are real heads that can be left on the plant and used through the winter as they are wanted. Heads are rounded, of delicious flavor, either for boiling or cutting up for slaw. Winter Cabbage largely solves the difficulty. We have only a limited amount of seed but be sure to plant a few packets at least this fall—and order early. **Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. 5 Lbs., \$9.50.**



(135) True Southern or Georgia Collard

# HASTINGS' COMBINATION SALAD

**280** "Greens" or "Salad" is wanted more than anything else we sell for late summer and fall plantings. Most people like a variety of greens for both spring and fall plantings and just lots of our good customers in and around Atlanta come in our local store and ask us to mix them up a combination of several kinds of greens. They like to plant them all at the same time, either in rows or broadcast, and have good tender greens for boiling for a long time.

There really is a distinct advantage in having a combination. A whole lot of Turnip Greens or a whole lot of Mustard or Rape or Kale easily gets tiresome to eat when it is on the table every day. When the four salad vegetables are served together you not only have your favorite but also you have an entirely different salad, a flavor of each but a combined taste that will make you like "greens" more than ever.

Upon request by so many local customers we mix in well balanced proportions these four splendid "greens" and now keep it in stock already mixed at all times. This is so much more satisfactory than taking a packet of each and pouring them together. More Rape comes in a regular packet than Kale or Mus-

tard and so the proportions would be wrong, and also a person desiring only a dime's worth wants and should have just as good a mixture as another who might want several pounds of seed.

Our customers with small gardens, and most town gardens are small, haven't space enough for several kinds of greens when they also want beans, peas, tomatoes, squash, peppers, beets, carrots, radishes, Brussels sprouts, lettuce, etc. To these we particularly recommend Hastings' Combination Salad. However, our farm customers also want a variety of greens and many of them prefer to grow as well as to boil them together. The big majority of home gardens on the farms are so small that many town gardens put them to shame, and it sure is a shame, but in a small or a large home garden we believe you will like this nicely balanced Combination Salad for some mighty good boiled greens this fall and winter. Hastings' Combination Salad is our own mixture of Turnip, Mustard, Kale or Borecole and Rape—properly proportioned to give you some fine boiled dinners within a few weeks and many more until you've eaten them all up.

**Price—Ounce, 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.**

# HASTINGS' CARROT SEED

THE CARROT IS A PARTICULARLY WHOLESOME VEGETABLE

**Culture** Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart, in August and September. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row. Cultivate frequently; keep ground free from weeds and grass. Sow 1 ounce of seed to 100 feet of row. Carrots mature in 6 to 10 weeks from planting.

**65 Chantenay** The Best Carrot. This fine stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to the base. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.25. 5 Lbs., \$5.50.

**66 Oxheart or Guerande** Notice illustration of Oxheart. This fine variety is the best of the shortened, thick-formed carrots. Roots are four inches wide at top and taper to a 2-inch diameter at bottom. Length from five to six inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts often have to be dug. Pkt., 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.25. 5 Lbs., \$5.50.

**67 Red St. Valery** See illustration on the left. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with our customers, especially in drouth sections. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.25. 5 Lbs., \$5.50.

**68 Danvers Intermediate** Bright orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.25. 5 Lbs., \$5.50.

**69 Improved Long Orange** Old, well-known variety. Roots long and of a deep rich orange color. A very heavy cropper, so heavy in fact, that it is profitable to grow for stock feed, while in quality it is a table carrot. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50.

**70 Large White Belgian Carrot** The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy cattle the flow of milk is largely increased. One thing must be remembered, when large crops are wanted, and that is the crop must be fed with manure or commercial fertilizers. Sow in drills 3 feet apart, using 4 pounds of seed per acre. When well up, thin out the plants to 6 inches apart. They should be grown on land that has been previously cultivated and worked deeply. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.75. Not Prepaid—10 Lbs. or over, 45c per Lb.

**CELERY** For late summer and fall planting, celery is strictly a crop for Florida and the lower Gulf Coast country, sections not ordinarily subject to extreme cold during the winter. It is a most important commercial crop for Florida and there is no reason why it should not be just as largely and successfully grown in Southwest Texas as a market crop. Celery requires rich and moist soil. If not rich it can be made so by proper fertilizing. In Florida and Gulf Coast section sow seed in August and September in shaded beds, covering seed not over half inch. When 6 inches high transplant to open ground. Celery planted as above should mature in following March and April. It brings in as high as \$1,500 per acre. One ounce of seed sows 400 feet of row or makes 15,000 plants.

**77 GOLDEN SELF-BLANCHING, French Grown Seed**

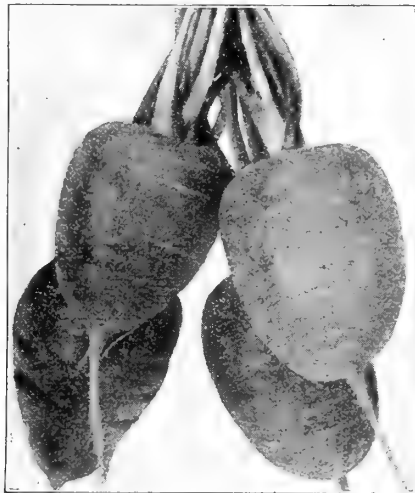
A variety for market gardeners. Any but French grown seed of this variety is worthless. We have imported seed direct from originator. Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.25. Lb., \$12.00. 5 Lbs., \$55.00. Price is usually about \$25.00 a pound for this high quality seed.

**78 Easy Blanching** A new variety of exceptional merit and it is meeting with great popularity. The plant grows rather dwarf and compact with foliage light green tinged yellow. It is a vigorous grower with thick stalks of excellent quality. Very desirable for the amateur because it blanches more easily than any other variety and even the first time you grow it, it should equal any celery you could buy at the market, both in quality and looks. Easy Blanching is a medium early variety, one of the best keepers and fine for winter and spring use. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**80 Mexican Solid Celery** Stalks rounded, crisp and solid. Its flavor is fully equal to that grown in the famous Kalamazoo (Michigan) celery district, having the rich, nutty flavor so desirable in celery. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.

**76 White Plume—79 Giant Pascal** Old, well-known varieties, preferred by many planters. Each: Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$12.00.

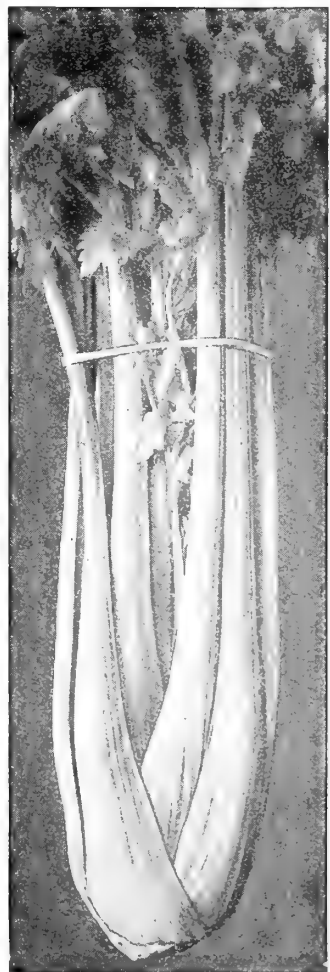
**75 CELERIAC** or Turnip Rooted Celery. It is mostly used for flavoring. Cultivate the same as for celery except that it requires no hilling up. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.



(66) Oxheart or Guerande Carrot



(67) Red St. Valery Carrot



(78) Easy Blanching Celery

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©

# HASTINGS' CUCUMBERS

There has been a steady increase in the planting of cucumbers all over the South in summer and fall during late years, and limited fall plantings are usually found to be more profitable than spring. In this latitude cucumbers are planted in July and August and later farther South. In Florida and along the Gulf Coast, August and September plantings are profitable as a shipping crop. **Insecticides, Page 47.**

**Culture** Plant in hills, four feet apart each way. Where well-rotted manure is obtainable work a large shovelful of it into each hill. Plant 8 to 10 seeds in each hill, covering  $\frac{1}{2}$  inch in clay soils or 1 inch in sandy soils, and when rough leaves have formed, thin out to 4 in each hill. One ounce of seed will plant 50 hills; or use 3 pounds per acre. Cucumbers mature in about 3 months.

## 180 HASTINGS' WHITE SPINE CUCUMBER Finest Extra Dark Strain—New Special Selection

"This is the greatest Cucumber grown today." It has no superior for general and market garden use and the best shipper of them all. It holds its intense green color better and stays in good eating condition longer than any other strain of White Spine. In each seed crop, fruits are carefully selected for uniform size and shape, smooth skins and handsome tapering appearance. Its size at maturity is about  $9\frac{1}{2} \times 2\frac{1}{2}$  inches, weighs about  $1\frac{1}{4}$  pounds; ready to eat in about 58 days. Extra early, crisp and tender, holding its fresh appearance long after gathered. All fruits hand selected, piled and cut for this seed. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs., or over, \$1.25 per Lb.

## 179 DAVIS PERFECT New Special Selection

White Spine. Almost ideal in shape, both ends tapering, rich dark green, uniform in size, exceedingly tender and excellent for slicing. It is almost seedless  $\frac{1}{3}$  of its length and seeds are almost unnoticeable. Very prolific, early, and very popular shipper. It is about  $10 \times 2\frac{1}{2}$  inches and weighs about 2 pounds at maturity. Davis Perfect is the most popular White Spine strain and this new Hastings' special selected seed stock is now the best selection of this variety in America. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs. or over, \$1.25 per Lb.

## 184 THE KLONDIKE

Our special strain is regular in size, color and growth and we are sure that you will be pleased with it. It's a very attractive dark green variety with a green that stays for days after being picked and shipped. The cucumbers are 7 to 8 inches long, 2 to  $2\frac{1}{2}$  inches in diameter and very regular in size and shape. Extra early, very crisp and unsurpassed for slicing. When young makes excellent pickles. Prolific, very hardy and a sure cropper. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75. Not Prepaid—10 Lbs., or over, \$1.00 per Lb.

## 175 Early Fortune Cucumber

One of the more recent introductions, and is very much liked by market gardeners in parts of Florida and Texas as a variety for shipment to Northern markets during the fall months, holding as it does its dark green color for many days after picking. Early Fortune is of a very deep green color and does not show up much white color before maturing as do most of the old strains of the White Spine. Stays plump and fine looking long after reaching markets in the North. It's of good shape and of very regular growth. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75. Not Prepaid—10 Lbs. or over, \$1.00 per Lb.

## 185 JAPANESE CLIMBING CUCUMBER

One of the best for late summer and early fall planting, being a specially vigorous grower. The young plants are bushy, but as soon as they become well established begin to climb and may be grown on fences, poles or trellises. With this cucumber the product of a given area can be increased three-fold. Fruit is 10 to 12 inches in length, of a fine dark green color; flesh is thick and firm, never bitter, has few and very small seeds and is fine for pickling as well as slicing. It is a very prolific variety and the fruits being raised well above the ground never suffer from wet weather or insects. The vines are practically mildew proof and continue bearing late. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs., or over, \$1.25 per Lb.

## 186 Our Everbearing Cucumber

This is our most popular variety for home gardens on account of its ever-bearing character; first fruits are ready very early, then the vines continue to flower and produce fruits continually until killed by frost, whether the ripe cucumbers are picked or not, differing in this respect from all other varieties. A single vine will show at the same time cucumbers in every stage of growth. Splendid for slicing and although size is rather small, they are perfect in shape, a fine green color and the right size for pickling. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75. Not Prepaid—10 Lbs. or over, \$1.00 per Lb.

## 181 Improved Long Green

One of the old time favorites of the South. Fruit extra long, of good size and holds the dark green color until well matured. Crisp, tender and free from bitterness, a splendid slicer. When 3 or 4 inches long it is fine for pickling. A good variety to plant from earliest spring to fall. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$7.00. Not Prepaid—10 Lbs., or over, \$1.25 per Lb.

## 174 Lemon Cucumber

The most prolific and finest flavored of all cucumbers; size and shape of a lemon. Packet, 10c. 3 Packets for 25c.

## 182 Early Frame

A fine, well-known variety. Early Frame is a desirable variety for home gardens for slicing. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.75.

## 183 Chicago Pickle

Chicago Pickle is a standard pickling variety, but can also be sliced if allowed to mature. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.75.

## 178 Early Green Cluster

Standard, well-known variety for both slicing and pickling. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., \$1.00. 5 Lbs., \$4.75.

## 187 GHERKINS

Small fruited, 2 to 3 inches long, well rounded and covered with small spines. For pickling only. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$2.00. 5 Lbs., \$9.50.

(180) The Finest Cucumber on Earth—Hastings' New Special Selection White Spine for Market Gardeners, Shippers and Home Use



# HASTINGS' EGGPLANT

While mostly grown from winter and spring sown seed, it is a most satisfactory and profitable crop for late fall and winter shipment from South Florida. For October to January shipment seed should be sown from July to September. Plant  $\frac{1}{2}$  pound of seed for plants for 1 acre. One Packet of seed furnishes plants for 100 foot row. Ready to use in about 120 days from seed.

## 190 Hastings' Improved Large Purple Thornless Eggplant

The standard for purity and excellence in all market gardening sections of the South. It has been grown since 1896 by market gardeners with profitable results and in home gardens with entire satisfaction. Our seed is pure and the plants over 90% thornless. In a properly cultivated crop streaked or off-colored fruits are almost unknown. Plants are large, strong and vigorous, each plant producing from 5 to 8 large fruits of dark rich purple color. The earliest of all large fruited varieties; the vigor and strength of this variety makes it less subject to the effect of "blight" and "die-back" which is disastrous to this crop in so many sections. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00.

## 189 Florida High Bush Eggplant

Especially desirable for home gardens and nearby markets. Plants are prolific, strong and stand bad weather remarkably well. Fruit or "eggs" grow higher off the ground than others which is advantageous in fighting out rot and blight. Fruit is a uniform dark purple and very attractive. Excellent for slicing with tender fine quality and no waste. Packet, 10c. No larger quantities offered this fall. Seed supply very short.

## 191 Black Beauty Eggplant

Popular and very desirable for the market because the fruits hold their dark, rich, purple color a long time. They are large, almost as large as our Improved Large Purple and slightly earlier; symmetrical in shape, prolific and of good quality. Standard and very satisfactory. Packet, 10c. No larger quantities offered this fall. Seed supply very short.

# KALE OR BORECOLE FOR WINTER GREENS

We sincerely wish we could get our friends to grow Kale more extensively, as it is so much superior in eating qualities to the collard. Kale is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. It is much improved in quality by being touched by frost. Of all the cabbage tribe this is the most finely flavored, and it would be more generally grown were its good qualities more widely known. Sow the seed thinly in drills in September and October and you should have no trouble in gathering the finest flavored "greens" you have ever eaten. Sow one ounce of seed to 100 feet of row. Matures in 3 to 4 months.

## 200 Early Green Curled Siberian Kale

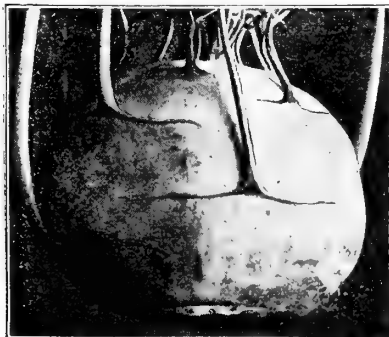
Usually sown in the fall for spring use. It is rather low growing with fine Curled leaves of deep green color. The young leaves are tender and delicate in flavor. Easily the best Kale and for delicious "greens." Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.75.

# KOHL-RABI

This splendid vegetable should be better known in the South, for it is a most desirable one. It's sort of halfway between a cabbage and a turnip. While it has many of the characteristics of the cabbage family the edible part is the bulb (as shown in our illustration) that forms above the ground. In the lower South and Florida it can be easily grown with August to October sowings. Seed can be sown thinly in rows where plants are to stand and thinned to six inches apart or sown in beds and transplanted like cabbage. The bulbs which grow to the size of a medium-sized apple have a delicate cabbage-like flavor. Sow  $\frac{1}{2}$  ounce of seed to 100 feet of row; 2 lbs. per acre. Kohl-Rabi matures in 8 to 10 weeks.

## 202 Early White Vienna Kohl-Rabi

Bulbs grow to the size of an apple when ready for use, and are of a pale, whitish green color. They are hardy and you can have nice, tender bulbs all through the fall. When well started, set out as cabbage plants, and for table use, gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.00.



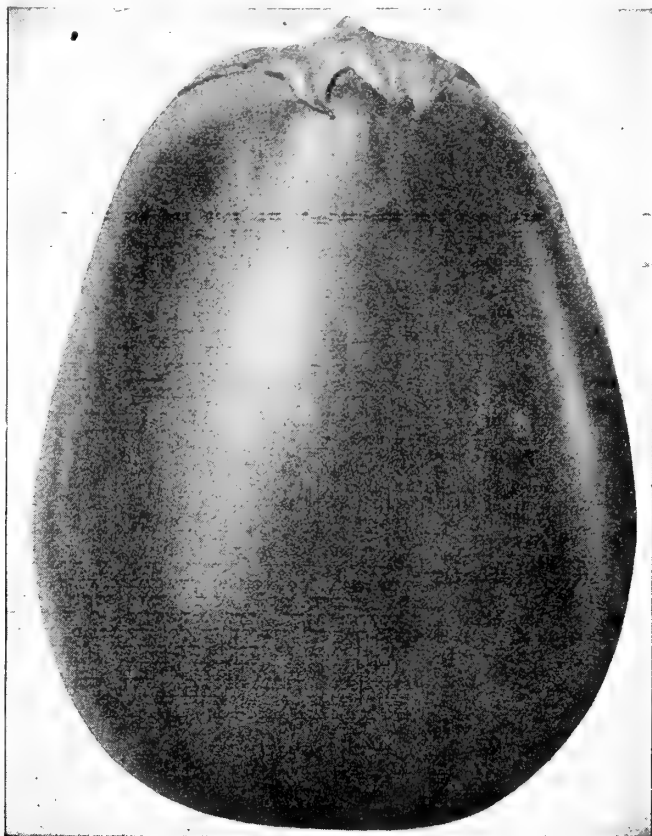
(202) Early Vienna Kohl-Rabi

# LEEK

The leek is a very hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck somewhat resembling the growth of young onions in spring but much longer and thicker. The leek thrives under same general conditions as onions and should be cultivated in the same general manner except that when the plants begin to get some size the plants should gradually be drawn up around the necks so as to blanch the stems or necks white and increase the tenderness and fine flavor. Sow one ounce to 100 feet of row.

## 203 Large Carenten Leek

Grows to large size, the stems being proportionately large and thick. In rich soil, well earthed up, the edible portion is from 6 to 8 inches long by 2 to 3 inches in diameter. Packet, 10c.  $\frac{1}{2}$  Oz., 15c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.00.



(190) Hastings' Improved Large Purple Thornless Eggplant  
The Finest Eggplant in the World for All Purposes



(200) Early Green Curled Kale or Borecole

# Hastings' Lettuce Seed For Home and Market Crops

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, **BIG BOSTON**, **HASTINGS' DRUMHEAD**, **FLORIDA HEADER**, **DIXIE HARD HEAD** and **CALIFORNIA CREAM BUTTER** are supreme. The high quality of **HASTINGS' Lettuce Seed** is known everywhere in the South where Lettuce is grown, for purity, hardness of heads and slowness to run to seed. Our lettuce seed is all grown in California by our grower, whom we consider the most careful lettuce seed grower in the world, and the growing crops are personally inspected by our Mr. Hastings or Mr. Freeborn so as to insure the quality being kept up to the Hastings' standard. Do you know of any seed firm where the head of the house, or another officer will travel over 6,000 miles each year to see that every possible care is taken to have the lettuce seed just right?



(210) One End of a Field of **BIG BOSTON** Lettuce Ready for Shipment—Note the Regularity of Growth—Right Seed Does it

**210 BIG BOSTON** Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and solid that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of **Big Boston** is the surest and hardest heading stock that you can obtain. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.25.

**211 HASTINGS' DRUMHEAD CRISP LEAF TYPE—** Also called **WHITE CABBAGE LETTUCE** Los Angeles Market, New York and Wonderful. No variety that we have ever carried has had a steadier sale. Superb for home gardens and for market. When properly grown it reaches large size. One gardener near Gainesville, Florida, produced a single head weighing nearly 4 pounds. It is always large, with outer leaves a clear, light green color; inside of the head almost pure white. Leaves are large, extra crisp and tender and entirely free from all bitter taste. The most popular lettuce grown in America. Generally wrongly called Iceberg on the market. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.25.

**216 HASTINGS' ICEBERG CRISP LEAF TYPE—** For forcing or home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" hard-header. Splendid for open ground planting or for forcing. Heads of conical shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.75.



(211) Hastings' Drumhead White Cabbage Lettuce

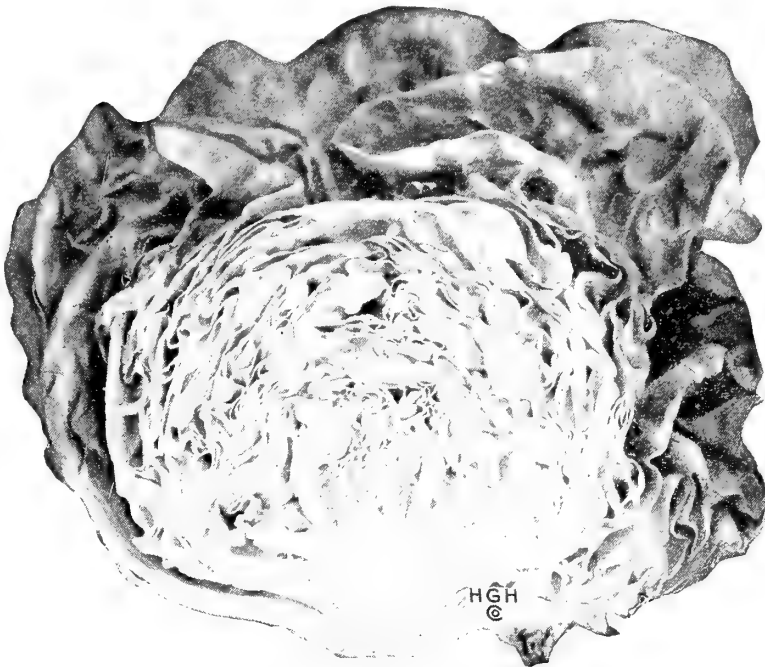
**209 Mignonette Lettuce** CRISP LEAF TYPE—A delightful first early, delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture farther North. Leaves are quite crumpled and form a small compact hard head, blanching creamy white inside, which is very slow to run to seed. It doesn't stand extreme heat but is fine for winter and spring use. Excellent in quality, bronzed or medium brown-green outer leaves. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.25.

**214 Grand Rapids** LOOSE LEAF TYPE—Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large savoyed or crimped leaves. Very attractive for garnishing and leaves hold up after cutting. Pkt., 5c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.50.

**221 Dixie Hard Head Lettuce** BUTTER HEAD TYPE—It is such a hard header that it is very difficult to get it to produce seed. Each year we are more and more impressed with its great value, both for the home and market gardener.

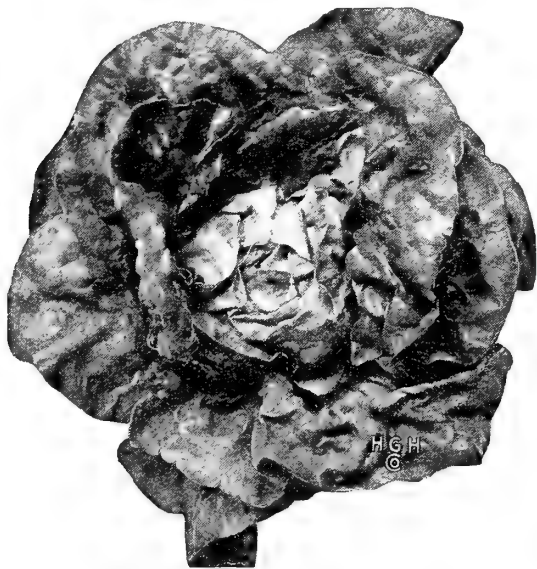
In general character of growth and appearance it is much like the California Cream Butter, but is a much harder header, presents better appearance in market, and is slower than any other variety to run to seed. Heads large and solid. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.75.

**222 Improved Hanson** CRISP LEAF TYPE — Large, compact head; outer leaves bright green, broad, somewhat crumpled and frilled at edges. Inner leaves white, crisp, thin and sweet. Fine garden lettuce. Pkt., 5c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.50.



(222) Type of Improved Hanson Lettuce

**225 May King** BUTTER HEAD TYPE—Medium small, light green, tinged very slightly at edges with brown. Early and especially suitable for all outdoor culture in the South, heads attaining a size suitable for use before other sorts in open ground. Also extensively used for forcing, forming very firm heads of medium size and excellent quality in the shortest time. May King is a very compact grower and is very desirable for home garden use as well as for marketing. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.75.



(221) New Dixie Hard Head Lettuce

**220 California Cream Butter** BUTTER HEAD TYPE—Also known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small spots on the outer leaves. Our stock is strictly the highest grade of the purest strain. You will be delighted with this sweet juicy lettuce. Pkt., 10c. Oz., 20c. No larger quantities offered this fall.

**Well Known Varieties of Lettuce**

**223 BLACK SEEDED SIMPSON. 219 PRIZE HEAD. 213 BROWN DUTCH**—Bronze leaf. All good standard varieties that are popular wherever grown. Each—Pkt., 5c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.50.

**217 WHITE PARIS COS**

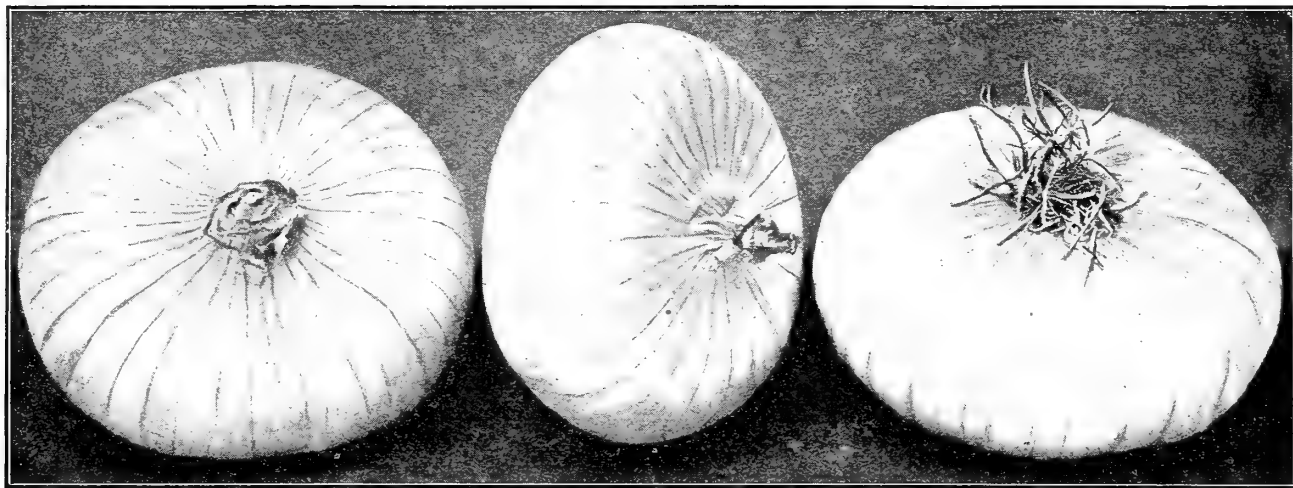
This is true Romaine, the Celery Lettuce. Crisp, tender leaves and delicate flavor. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.25.



(220) California Cream Butter or Royal Cabbage Lettuce



# HASTINGS' BERMUDA ONIONS

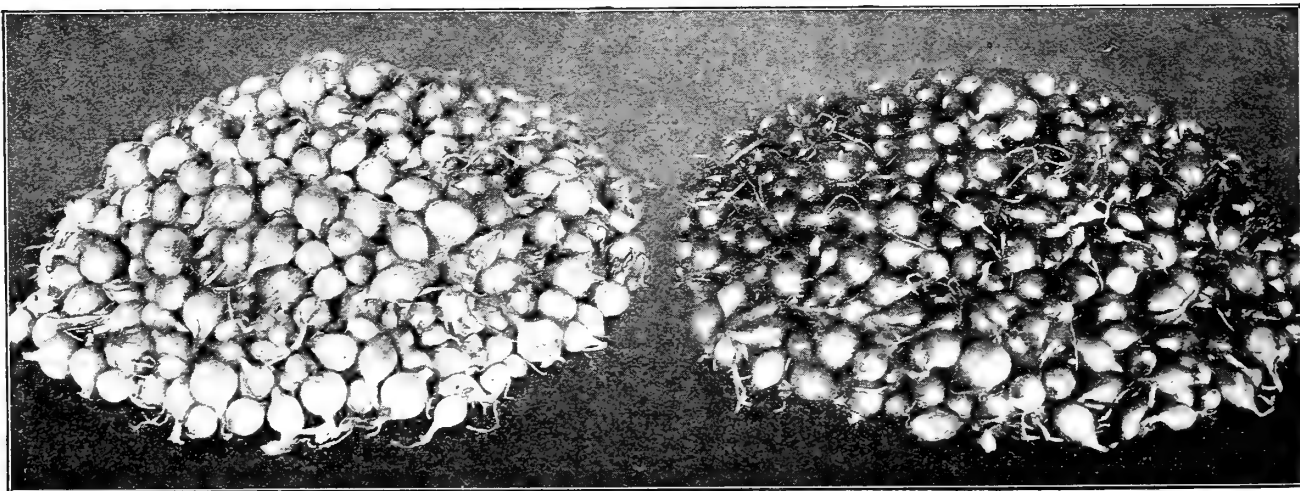


(289) Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the World

Back about 1890 this firm introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and the Gulf Coast. We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

**288 Yellow Bermuda Onion** The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White Bermuda, although it is a light yellow or straw color. This is the variety that made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest seed in the world. The higher quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the best market prices. Our illustration shows the Bermuda as grown from October planted seed. Less than six months from seed sowing to fully matured onions. Because of its mildness it is immensely popular with millions of people who dislike the strong flavor of most onions. Large packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

**289 Hastings' Crystal Wax Bermuda** The most attractive onion in the world. Our own introduction and one of which we have been exceedingly proud. It is the only pure white Bermuda Onion and has a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Hastings' Crystal Wax is an excellent home garden Onion as well as for market gardens and shipment. Being such a mild and beautiful Onion and so easily grown it is especially suited to home garden use. This is the mildest and earliest of all Onions. Packet, 15c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.50.



From a Photograph Showing Hastings' Screened and Well Cleaned Silver Skin and Yellow Globe Onion Sets

**SILVER-SKIN ONION SETS** Sets from White Portugal or Silver Skin seed. Make large silvery white onions of fine quality when mature. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.50. Write for our best quantity prices when ready to buy.

**YELLOW ONION SETS** Make medium sized, globe-shaped yellow onions. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.25. Write for quantity prices.  
**Garlic Sets** Pure Italian Garlic Sets. Pound, 40c. 3 Lbs. for \$1.00; postpaid.

# ONION SEEDS

The Bermudas are the earliest to mature, and hold a distinct place, both as a commercial crop and as well for home gardens and nearby markets. There is a place, however, that they do not fill. They are early and the quantity of them grown is so small compared with the large and steady demand for onions that the Bermudas seldom take care of the market over two months in the year. This leaves a nine or ten months' demand to be supplied with other varieties, for the Bermudas, unless carefully handled, do not keep well over three months. Do not plant too early. Onion Seed will not germinate well in the hot weather we generally have in August and first half of September. One ounce plants about 200 feet of row.

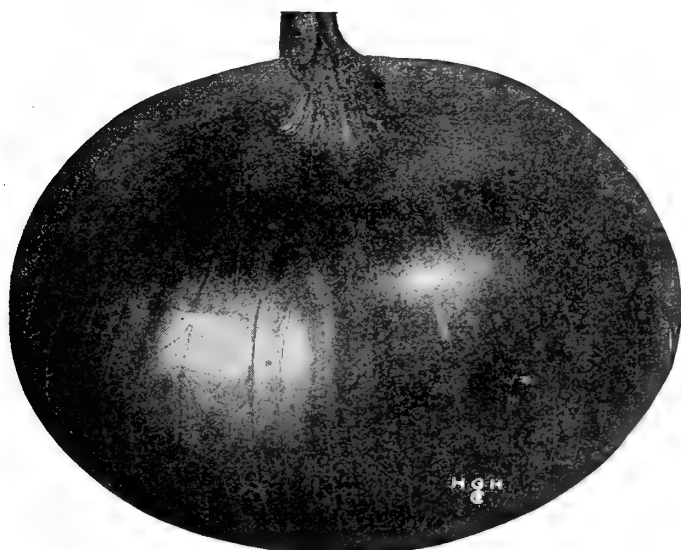
**293 Hastings' Yellow** Like the Snow White and Dark Red, it has a distinct globular shape. All our **Globe Onions** are extra large in size, and large croppers as well as first-class keepers from the firmness and solidity of the flesh. Color a very light shade of straw yellow, almost the same color as the Bermuda Yellow. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**292 Hastings' Snow White** Our illustration shows the shape of these onions. Hand-some snow-white bulb, with a waxy appearance. It is large, firm, rather mild, and a first-class keeper. Remarkably even and uniform in growth; will always prove a favorite wherever it once appears on market. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.25. Lb., \$4.00.

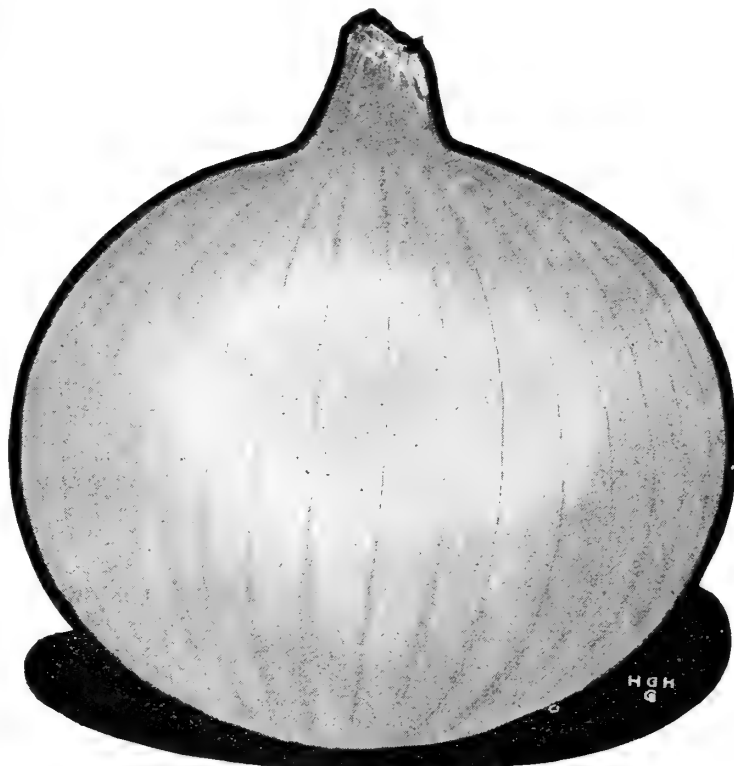
**291 Hastings' Dark Red** Has a richness in coloring of the skin that is found in no other. Onions are large, perfectly globe-shaped, and of rich, deep dark red color. Exact shape and size of the White and Yellow Globe, the only difference being in the color. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75.

**296 Hastings' Prizetaker** Our Prize-taker Onion is of the very best American growth, far superior to all imported seed and 'way ahead of the Prizetaker Onion offered by most American houses. It has been most successfully grown in all parts of the Central South from both fall and spring sowings. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing from 4½ to 5 pounds each. During the last five years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia, but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

GOOD GARDENS CUT STORE BILLS



(297) Australian Brown—The Long Keeping Onion



(292) One of Hastings' Big Globe Onions Grown Direct From Seed

**286 Extra Early Red** First red Onion to ripen. Bulbs are firm, medium sized, uniformly flat, moderately strong flavored. Flesh is white tinged purple and skin rich purplish red. Earlier than Red Wethersfield and very desirable for early market and home use. Keeps well for an early Onion. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**300 Silver Skin Onion** White Portugal. A famous variety for raising sets because the little bulbs are so uniform. Also a pickling onion with silvery white skin and mild flavor. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00.

**285 Large Red Wethersfield** One of the oldest varieties men and has retained its popularity wonderfully well through the years. It's easily grown to full maturity from the black seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**294 Yellow Globe Danvers** Very productive and a good standard variety for both home use and market. A fairly good keeper, solid, rather mild; earlier than the Hastings' Globe Onions. Skin of pale yellow color. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**297 Australian Brown** One objection a good many folks have to growing onions is the fear that they won't keep over. Australian Brown is the answer to these doubters for this variety has been known to keep in perfect condition (except for a little shrinkage and loss of weight) for a solid year from the time it was pulled from the ground. For a late maturing, long keeping onion to last for a long time, stored in a dry place, Australian Brown has no equal. If you plant the Bermuda, Prizetaker or the Hastings' Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later in maturing than the earlier sorts but of neat, round shape, very firm and solid, the longest keeping onion known for warm climates. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**295 Extra Early Barletta** Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**290 Giant White Tripoli** Also known as El Paso or Large Mexican. A large flat, pure white, mild onion. Packet, 10c. ½ oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00.

# MUSTARD FOR WINTER SALAD

**Culture** Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the winter. Sow August to November. Plant one ounce of seed to 200 feet of row.

**278 Giant Southern Curled Mustard** Our Giant Southern Curled is the very best of the finely curled leaf strains, really beautiful enough to grace a flower garden. It is slightly pungent, crisp and tender and can be eaten like lettuce or boiled for "greens." The Hastings' strain of Southern Curled is now offered by one or more leading Northern houses as "Ostrich Plume." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25.

**277 Chinese Mustard** An entirely distinct, yet thoroughly good variety of mustard. It is of much larger growth than the Curled, about the same quality for salads or boiling and remains in condition for use a long time. The quick almost rank growth of the Chinese, insures tenderness, mildness and freedom from bitter flavor. Packet, 5c.

Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25.  
**279 White Mustard** The seeds of this variety are used in pickling for family use, and when ground up, compose what is known as "mustard" in the stores. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25.



(278) Hastings' Mustard for Fall and Winter Greens

## PLANT GEORGIA GROWN OKRA

Okra or gumbo ought to be plentiful in every Southern garden. In our seed growing on the Hastings' Plantation we have developed splendid strains of Okra, being far superior to other strains, and we are sure that our selected seed will please you. Ounce plants 50 feet of row; use 8 Lbs. per acre. Ready to use in 8 to 12 weeks.

**305 Hastings' White Velvet Okra** A standard variety throughout the South for home use and local shipment; ready to use in 55 to 60 days. We have a specially fine, early, very round, smooth-podded strain of medium size, the pods being almost altogether free from ridges and is not prickly to the touch. Our strain of the White Velvet we find to be the very best of all the white varieties. It is the easiest variety to handle, is exceedingly prolific, dwarf growing and is the most satisfactory of all Okras for home gardens. Pkt., 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c. per Lb.

**306 Perkins Mammoth Long Podded Okra** This distinct green-podded Okra is by far the best variety for market and shipping purposes, ready to use in 50 to 75 days and being used by many Southern truckers exclusively for this purpose. With our strain the pods start to shoot out from the bottom of the stalk within 3 or 4 weeks and the whole plant is covered with them to the height of a man's head (5 to 6 feet). Pods of a uniformly green color of unusual length, frequently 9 to 10 inches long. Pods are very slim and do not harden up. Hastings' Plantation Grown Seed. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c. per Lb.

**304 Hastings' Dwarf Okra** The great demand for a good Okra with dwarf plant growth has been realized. We have tried many so-called Dwarfs only to be disappointed but finally we were rewarded. Now we have a fine, large, green podded, very prolific, tender and good quality extra early Okra of uniform low or dwarf growth. The pods are thickly set on the plant and pods begin to form almost as soon as the plants show above the ground. Hastings' Plantation grown seed. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50.

## PARSLEY

An extremely beautiful plant used for garnishing. Can be grown in fall or spring in drills 15 inches apart. When plants have become strong, thin out to 6 inches apart in the row. Parsley seed usually takes 3 to 4 weeks to germinate. Soak seed 12 hours in water before planting. Keep free from weeds and grass. Sow 1 ounce to 200 feet of row.

**308 Extra Moss Curled Parsley** Our fine strain of Extra Moss Curled is the most ornamental of all varieties.

It is handsome enough to have a place in your flower garden, a favorite sort for garnishing and to supply hotels and markets. It is planted almost exclusively by Atlanta market gardeners for that purpose. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50.

**309 Double Curled Parsley** Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Often used by market gardeners. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50.

**310 Plain Leaved Parsley** Is very hardy, a strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25.

**PARSNIPS Culture** Sow seed thickly in rows about 16 inches apart any time from January to April for spring and summer crop in this latitude; in Florida and Gulf Coast section sow September to December for winter and spring crop. Ounce plants 100 feet of row; use 5 Lbs. per acre.

**311 Improved Hollow Crown** The best all round variety of parsnips; the leaves start from a depression in the crown of the root, thus giving it the name of "Hollow Crown." Rich, very sweet flavor, immensely productive, ready for use in 80 to 85 days. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.50.



(306) Perkins Mammoth Long Pod Okra



(308) Moss Curled Parsley

# SWEET PEPPERS

In fall planting, one ounce of seed will usually produce about 1,000 strong plants. Plant  $\frac{1}{2}$  Lb. per acre to be sure of sufficient plants.

## Hastings' Royal King

**357** Introduced by us in 1917. While it is a superb sweet pepper for home and market use we want to especially call the attention of the trucker or shipping market gardeners to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This will insure its being a top price seller at all times. It is very prolific, bright, glossy and of large size. The flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size for a pepper, and the plants are of strong, stocky, erect growth. It is a native Southern pepper, originating right here in Georgia, and has made good from the start. Taste it raw, stuff it with meat and bake it and fill it with salads for the table. You will like it and agree with us that it is the greatest bell type pepper. Packet, 10c. New Crop Seed after September 1st.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

**356 Large Bell or Bull Nose** The standard large variety for home use, market and shipping to Northern markets from Florida, Louisiana and Texas. Rather pungent flavor, is comparatively early and a heavy producer of fruits 3 to  $3\frac{1}{2}$  inches long and 2 to 3 inches across the shoulder. Deep green when young, bright crimson at maturity. Packet, 5c.  $\frac{1}{2}$  Oz., 20c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50.

**352 Ruby King** Fine sweet pepper for home and market use. Very vigorous grower with large, sweet, mild fruits. A close favorite with Large Bell or Bull Nose, slightly larger in size and certainly much sweeter and milder than that variety. Pkt., 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

**359 Ruby Giant** Hastings' Ruby Giant is a cross between Ruby King and Chinese Giant, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw. Pkt., 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00.

**348 Hastings' New Tomato Salad Pepper** This new variety, as shown in picture, is a Pimiento selection, very mild or sweet and with very thick flesh. Exceedingly prolific, fine for canning, delicious eaten raw or chopped in salads. Very uniform in size and shape, shaped like a small tomato and as fine a quality as you could desire. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00.

**358 Hastings' Perfection Pimiento** MILDEST FLAVORED OF ALL. It is absolutely free from the pungency of flavor distasteful to so many. Can be eaten raw like an apple, can be stuffed with meat and baked; can be used as a salad or canned for winter use. Has very thick, firm flesh which permits of its being scalded and peeled. The shape and regularity of size of this new and improved strain is wonderful. Packet, 10c.  $\frac{1}{2}$  Oz., 20c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.00.

**350 Hastings' Golden Prize** Large, bright, golden-yellow variety; very sweet and mild. In some places this is eaten like an apple in the raw stage because it is said to cure chills and fever. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00.



(357) Hastings' New Royal King Pepper—The Best of All

## Hastings' Hot Peppers

**349 Long Cayenne** HOT. Our Long Cayenne is a burning hot pepper. Larger than Red Chili but just as hot and pungent. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

**354 Red Chili** HOT. A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and a plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

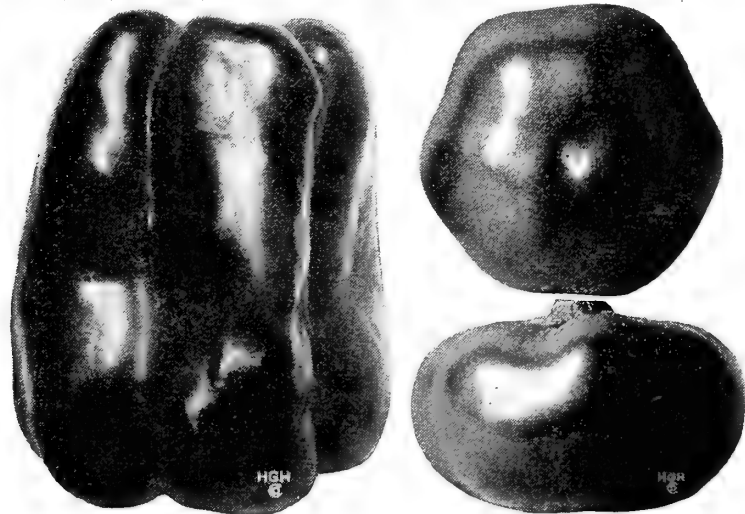
**353 Tobasco Pepper** HOT. Famous pungent variety used to make Tobasco Sauce and is also grown for home and market use.  $2\frac{1}{2}$ -foot plants, producing an abundance of extremely hot, bright scarlet peppers 1 to  $1\frac{1}{2}$  inches long. Easily gathered because fruits grow upright. Plant Tobasco for pepper sauce and for late, hot peppers. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00.

**347 Anaheim Chili** HOT. Long, rather large,  $1\frac{1}{2}$  by 7 inches; highly desirable Pepper. Not too hot but pungent enough to add Pepper flavor to any salad. Excellent for table use and canning. Largest and longest hot variety. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00.

**351 Hastings' Mixed Peppers** Almost all home gardeners want both sweet and hot peppers in their garden. This mixture gives you some of every kind in your garden. Packet, 10c. 3 Packets, 25c.

## HASTINGS' SEED SERVICE

On the Hastings' Farm, twenty-five miles from Atlanta (1509 acres), we are not only farming and seed growing but are continually trying out all the new sorts, comparing them with the old and standard sorts, so as to know by actual growth whether they are worth recommending to you. This year we are running about five thousand separate and distinct outdoor trials, carefully watching and taking notes on each one. This is to insure you the best that grows.



(359) Ruby Giant—Large, Mild

(348) New Tomato Pepper



# Garden or English Peas for Planting in the South

Many of our customers don't plant Garden Peas because they don't bear long enough. Plant seed deeper and work soil up around stalks, and Peas will stay in bearing twice as long. You should plant more Peas.

## Culture

For fall planting in the Central South Garden Peas should be sown early in September, especially the second early varieties. Extra early sorts, such as John L., can be sown throughout September and will mature before frost. In Florida and along the Gulf Coast they may be sown during any of the fall months, October and November being preferable. Sow in drills, covering seed 2 to 3 inches deep, according to soil. To avoid the necessity of sticking or brushing, plant the peas in double rows 6 to 8 inches apart, and when the vines get large enough run them together. Most varieties of the earlies and second earlies are of sufficient stiff growth to support each other in this manner. Plant 2 pounds of peas to 100 feet of row. 56 pounds of wrinkled or 60 pounds of smooth peas make a bushel.

## 316 Hastings' John L.—Quickest Growing Pea

Earliest of all the extra early varieties; for home use, market or shipment. Since 1896 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of this variety to Florida shippers. Plant these early Peas this fall and have tender, delicious peas on your table and have them to sell at fancy prices. That's good gardening. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

## 317 Alaska Extra Early

Next to John L., this is the best, round extra early Pea; about one week later than John L.

in earliness and is the best quality and heaviest bearer of all the round-seeded extra early varieties. A splendid shipper and canner and one of the very best you can plant in the garden for extra early home use. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled Peas in quality. You will find it pays you well to plant the best. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

## 315 Hastings' Extra Early Surprise Pea

This extra early, wrinkled Pea beats them all in combining earliness, heavy-bearing and most delicious eating quality. While a true wrinkled variety it is a very early bearer. Vines grow 20 to 24 inches high and require no "staking" or "brushing" when planted in double rows. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2½ inches long, with blunt ends. Uniform in maturity and yet very productive, fine for canning, shipping, marketing and eating at home. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.

(316) Hastings' John L.  
Extra Early Peas

## 330 Gradus or Prosperity

This is a superb extra early wrinkled variety with immense pods, is hardy and can be planted almost as early as Alaska. Grows 2½ feet high, strong and vigorous. Quality delicious, 3¾-inch medium green pods with 6 to 8 large, sweet peas. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 19c per Lb. 100 Lbs., 17c per Lb.

## 319 Notts Excelsior

An extra early, dwarf-growing wrinkled variety of delicious flavor. Pods are more closely packed with peas than any other variety. Stout and heavy; 2¾-inch round pods with blunt ends; 6 light green peas of high quality; productive. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Seed supply is short so no larger quantities offered this fall.

## 331 Premium Gem

A dwarf, wrinkled, extra early variety, growing about 15 inches high, and is one of the earliest of the good quality varieties for home gardens. Deserves great popularity. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.

## 324 Laxtonian

This handsome new early wrinkled Pea is the easy leader of the large podded dwarf growth varieties. This type has grown rapidly to the front and is in great demand. Very large, dark green pointed pods, 4 inches long, with large, light green, flattened, wrinkled peas of fine quality. Dark green vines about 15 inches high; vigorous and very productive. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 22c per Lb. 100 Lbs. or over, 20c per Lb.



(323) Thomas Laxton—Best Pea

**323 THOMAS LAXTON** This pea is considered the finest pea in cultivation. It is early but a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity but hardier and slightly earlier. Pods with 7 peas are about  $\frac{3}{4}$  inches long, straight, well filled, rounded with rather a blunt end. The large wrinkled peas are of a greenish cream color and the plants are very vigorous growing. This is a very popular variety among the Florida and Gulf Coast growers. The flavor is very pleasing and the peas retain their tenderness. Packet, 10c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 19c per Lb., 100 Lbs., 17c per Lb.

**314 Little Marvel** An excellent dwarf sort for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the peas are of superior quality. The vines are heavily set with large, straight, deep green pods which are square ended and are well filled with 7 large tender peas. Peas dark green, wrinkled and very prolific. This is a recent introduction which trials show us to be of exceptional merit. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Seed supply short. No larger quantities offered this fall.

## Second Early—Heavy Bearers

**329 Bliss Everbearing** The greatest favorite among our customers for home gardens and nearby markets. Height of vines 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large, frequently  $\frac{1}{2}$  inch in diameter. Its habit of growth is peculiar branching character, forming as many as ten stalks to a single root. The individual or separate branches are of extraordinary strength and substance so that when hilled up properly they stand up well without "brushing." This variety is especially noted for its continuance of bearing, a characteristic which gives it special value. Even after repeated picking the vines continue to develop buds and blossoms which mature into fine peas. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.

**328 Hastings' Home Delight Pea** Planted by tens of thousands of our customers with entire satisfaction. Earliest bearer of the second early or heavy-bearing varieties; a strong, vigorous grower, coming in right after the extra early sorts, and while enormously productive is of such stiff, stocky growth that it can be grown without "brushing" when planted in double rows 6 to 8 inches apart, rows running together as soon as high enough. The sweetness and tenderness and heavy-bearing qualities give entire satisfaction. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb., 100 Lbs. or over, 18c per Lb.

**327 Hastings' Improved Telephone Pea** One of the best tall-growing, wrinkled varieties; profitable to both home and market gardeners. 4 to 6 feet tall and must be "brushed;" immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent sugary flavor, so desirable in garden peas. Vines and foliage strong and heavy, medium green. Pods  $4\frac{1}{2}$  inches long, medium light green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs. or over, 18c per Lb.

**332 Champion of England** Richest, best flavored late peas. Tall growing, 5 feet, peas with wrinkled seeds; a heavy bearer. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs. or over, 16c per Lb.



(329) Hastings' Bliss Everbearing Peas—Fine for Gardens

**321 Large White Marrowfat** Old, well-known very strong growing variety that is a favorite. When properly "brushed" it is an exceedingly heavy bearer and very profitable. Hand picked stock. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., 14c per Lb.

**326 Sugar or Salad Pea** A distinct variety with edible pods cooked and eaten in the same manner as snap beans. These are great favorites with those who have once used them. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.

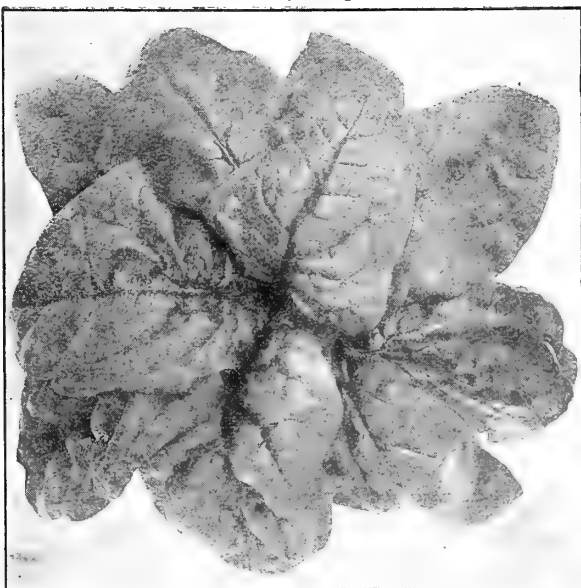
## 'SPINACH FOR "GREENS"

**Culture** You can find no better vegetable to furnish an early supply of "greens" than Spinach. As "greens," its quality is unsurpassed, and were it more generally known in the Southern States almost every one would plant it. Our specially grown spinach is far superior to the spinach seed commonly sold. Its germination is stronger and better, the growth larger, more vigorous and hardier. Spinach requires rich soil, the richer the better, and can be sown during October, November and December, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Sow one ounce to 100 feet of row.

**411 Hastings' Aragon Spinach** Very best variety for the South. Fine market size, having a large thick, green leaf, slightly crumpled or savoyed, and stands a long time before running to seed. The hardiest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 60c. 5 Lbs., \$2.50. Not Prepaid—10 Lbs. or over, 40c per Lb.

**412 Bloomsdale** Also called Norfolk Savoy Leaved. Very early, upright growth, glossy dark green, crumpled, broad thick leaves and particularly fine for fall planting as it does best in cool weather. Extensively grown in the South for the home gardens and very popular with truck gardeners because of the large crops of thick leaves. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 60c. 5 Lbs., \$2.50. Not Prepaid—10 Lbs., or over 40c per Lb.

**416 NEW ZEALAND SPINACH** An all summer variety growing luxuriously in hottest weather. Cut and it comes again, a few plants furnishing the finest flavored "greens" all summer and fall for an average size family. Plant in August and September where plants are to stand. New Zealand should be in every Southern garden for all summer and fall good "greens." Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.50.



(411) Hastings' Aragon Spinach

# HASTINGS' RADISH SEED

**Culture** For best results Radishes require a rich, loose, moist soil, so they can be grown quickly. The crisp, tender flesh of early Radishes depends almost entirely on rapid growth. Successive plantings should be made every 10 days or two weeks to keep up a continuous supply of crisp and tender Radishes. For quick use plant the round or button Radishes and olive shaped. For later use plant the long and half-long varieties, as they root much deeper and better resist heat and drought. What are known as winter Radishes should be sown in August and September. All Radishes should be sown thinly in drills one foot apart, seed covered  $\frac{1}{2}$  inch and kept clear of grass and weeds. Our Radish seed is of the very best, grown from carefully selected and transplanted roots. Radishes are very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Radishes mature in 3 to 6 weeks.

## 376 Hastings' Early Long Scarlet

This is the most popular of all Radishes in the South for general garden use and market. Our illustration shows the remarkable regularity and fine shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, as all Radishes should be, it is free from all pungent taste. About 6 inches long. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 388 Long White Vienna or Lady Finger

An early maturing and attractive, long white, summer Radish of most excellent quality. The tops are of medium size. The roots are clear white, slender, smooth and average when mature 6 to 7 inches long by about  $\frac{3}{8}$  to  $\frac{7}{8}$  of an inch in diameter at thickest part. The flesh is very crisp and tender. Desirable for market and home garden use. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 382 Long White Icicle

Excellent and profitable; a new and distinct sort; ready for use as soon as Hastings' Early Long Scarlet and has fewer leaves. Admirable alike for open air and under glass. The Icicle is a clear white in color, 6 inches long, slender and tapering shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for both market and home gardeners who want an early, long Radish. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 373 Chartier

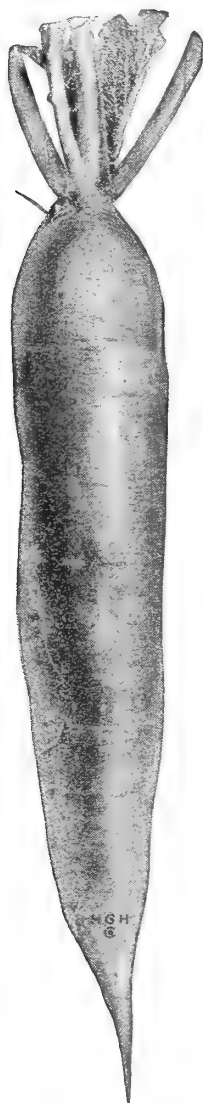
Grows to a large size, but not very uniform in shape. Red at the top, pink in the middle, white at the tips; handsome appearance when pulled at the right time. It is especially fine flavored when grown quickly in the South. 7 to 8 inches long; medium maturity. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 389 French Breakfast

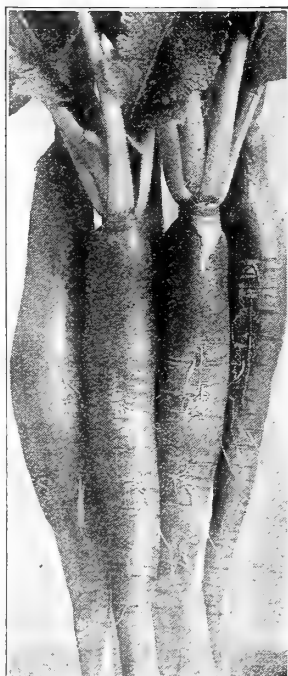
A very tender and mild Radish, favorite for an early half-long variety in the South both for home and market use. Color bright red with white bottoms. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 383 Hastings' Glass or Cincinnati Market

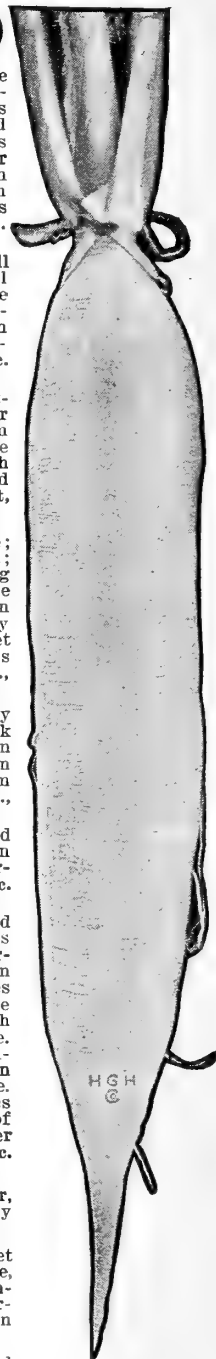
After we introduced this Radish it was called the "Cincinnati Market Radish" by a Northern seed house and is generally catalogued by Northern houses under that name. We consider it one of the finest of the long red or pink Radishes. It is of bright pink color with white tips; very regular and uniform in size and shape. Flesh transparent, giving it the name of Glass Radish, always crisp and brittle, with mild flavor even when grown to large size. Desirable for both market and home use. The illustration above shows how nicely these fine Radishes bunch and pack for market. A greatly improved strain of Long Scarlet, so popular everywhere. In Cincinnati and other city markets it is always in popular demand. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



(376) Hastings' Early Long Scarlet Radish



(383) Hastings' Glass Radishes



(382) Hastings' Long White Icicle Radish

## 385 White Strasburg

Oblong, tapering shape, skin and flesh pure white; firm, brittle and tender, retaining its crispness even when the roots are old and large. Best variety for summer use, an excellent variety. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 384 Half Long Deep Scarlet

You see as its name implies it is about half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance, and in market brings high prices. In color, skin is a brilliant scarlet throughout; flesh a clear white; crisp, tender and free from pungency or hotness, so common in many Radishes. An extra early variety, and is thoroughly satisfactory to Southern gardeners who plant it. It is of quick growth and seldom becomes pithy, even when old or in bad growing seasons. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 390 California Mammoth White

WINTER RADISH. Largest of all winter Radishes and extensively grown by the Chinese gardeners in California. Grows about 8 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh: solid, crisp and of good flavor. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 377 China Rose Winter

WINTER RADISH. Distinct handsome variety of winter Radish. Skin a deep rose color, flesh pure white, crisp, of pungent flavor. Good keeper well into spring. Roots cylindrical, blunt at both ends, 4 to 5 inches long, 2 inches thick; smooth skin. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 386 Black Spanish Winter

WINTER RADISH. Best black skinned Radish. Roots round,  $3\frac{1}{2}$  inches across, crisp white flesh. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 387 HASTINGS' MIXED RADISHES

Many don't want to make more than one Radish planting to last all season and our mixed Radishes fill the bill exactly for this purpose. Hastings' Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. There are early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packages of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender Radishes throughout the season from one sowing. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



**381 Scarlet Button Radish** Also called **Scarlet Turnip**. A favorite extra early radish; round form and deep scarlet skin; mild flavor, crisp and tender; short narrow leaves, making a very small top. Scarlet Button is a popular radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden radish and our Scarlet Button leaves nothing to be desired. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**375 Rosy Gem Radish** Also called "White Tipped Scarlet Turnip." Favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. One of the earliest varieties; globe shaped, with rich, deep scarlet top, shading to pure white at the button. Very tender and crisp, never becoming pithy until very old. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



**372 Early Scarlet Globe** Slightly globe shaped, almost globe shaped, with white, tender, crisp flesh and rich, bright scarlet-red skin. This Radish is especially recommended to gardeners as a large, first early forcer and is very desirable for first early planting outdoors for home garden and market. Uniform in color, shape, fineness of top and time of maturity and unsurpassed in quality. Pkt., 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**378 Crimson Giant** A large sized extra early turnip radish, a little longer in shape than the Scarlet Button but brighter color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**SALSIFY Vegetable Oyster** Salsify is one of the most desirable and nutritious winter vegetables. The roots when cooked are delicious and may be served in many ways. The flavor is very much like oysters and especially where it is difficult to get fresh oysters, Salsify is very popular. Let them grow until frost or stay in the ground until needed. They are even improved by being frozen.

**CULTURE**—Salsify succeeds best on a rich, light, deep soil. Avoid fresh manure as it makes badly shaped and uneven roots. Sow seed in September and October in Florida and the lower South, in rows about 18 inches apart and thin plants to 3 inches apart. Cover seed  $\frac{1}{2}$  inch. Cultivate frequently and dig when needed through the winter but all should be dug before growth begins in the spring. They may be dug and stored in a pit or cool cellar. Sow one ounce to 100 feet of row.

**404 Mammoth Sandwich Island** Easily the best variety. It is a large and strong grower with long, smooth, white tapering roots, excellent in quality and less likely to branch than other sorts. Equally desirable for home and market gardeners. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.50.

## HASTINGS' BUSH SQUASH

These Squash can be planted in the Central South as late as August 15th. South Florida plantings can be continued as late as October 1st, either for home use or shipment. Plant one ounce to 25 hills or 2 to 3 pounds per acre.

**425 Early White Bush Squash** This is the well-known White Scalloped or Patty Pan Squash. It is one of the earliest to mature, very productive and of light cream color. Very popular variety for shipment to Northern markets from Florida, as well as being a general favorite for home gardeners everywhere. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

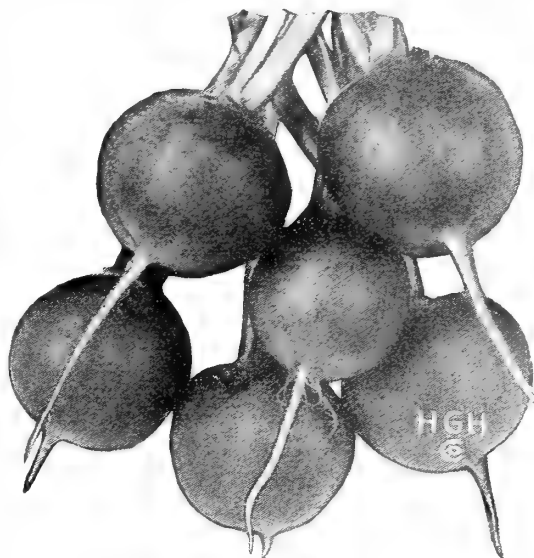
**420 Hastings' Mammoth White Bush Squash** This is a decided improvement over the Early White Bush, being double the size and more regular in shape. It is very early, uniform in growth and prolific. It has a beautiful white skin and flesh, and grows 10 to 12 inches across. Fine for family gardens and nearby markets, but too large to grow for shipment. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**422 Golden Custard** Largest scalloped variety; often 2 feet in diameter on rich, moist soil. Rich, dark golden yellow color, smooth skin, uniform in growth and evenly scalloped. Regular bush form, immensely productive and of the finest quality. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**421 Yellow Summer Crookneck Squash** Old, well known variety of Crookneck Squash, for home and market gardens. Fruit small, of bright orange yellow color, and covered with warty excrescences. Flavor very rich and buttery. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

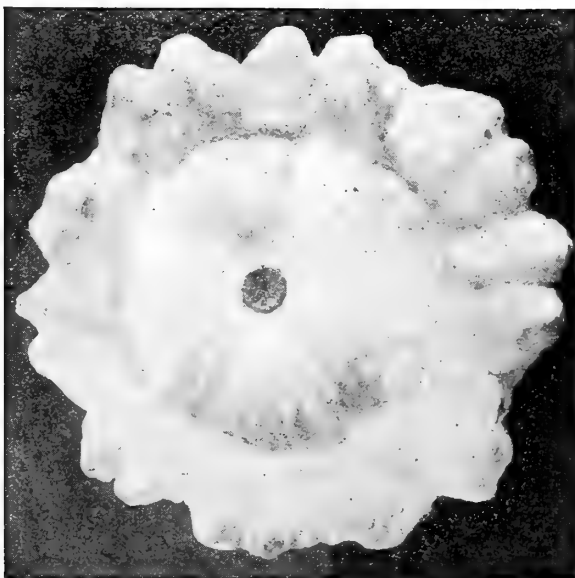
**426 Giant Summer Crookneck Squash** In our Giant Crookneck variety containing all of the good qualities of the Crookneck class, and at the same time giving double the size of the Old Yellow Summer Crookneck. For market gardeners growing for nearby markets and for home gardens it is especially desirable. Pkt., 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**424 Early Yellow Bush Squash** Identical with Early White Bush except in color, which is a bright golden yellow. A fine Squash. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



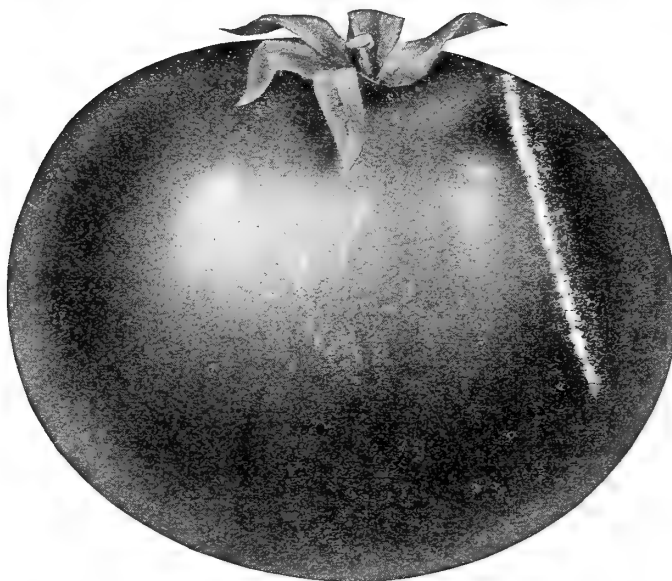
(381) Hastings' Scarlet Button Radish

(404) Sandwich Island Salsify



(420) Hastings' Mammoth White Bush Squash

# Tomatoes for Summer and Fall Plantings



(455) Hastings' Big Red Rock Tomato for Home Use and Canning

**455 Red Rock, the Big Red Solid Meaty Tomato** Red Rock is the best large late red Tomato for home use, nearby market or canning. Matures in 110 to 115 days. It is extraordinary solid, perfectly smooth, has no superior in texture or flavor and is as red as a Tomato can be all the way through. Meat is solid without being hard, and of the finest flavor. Practically no waste Tomatoes in a crop of Red Rock. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.**

**460 June Pink** A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight Tomatoes of medium size; uniform, smooth and attractively shaped. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an extra early purplish pink Tomato and a delight in the garden. **Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.**

**443 Ponderosa** A giant among our Tomatoes. It must have rich soil to be a success, but fruit are very large; purplish pink in color, solid, meaty and very sweet. Being large and ribbed are for home use. **Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.**

**448 Greater Baltimore** Mid - season, red, very heavy and extremely firm, thick meat. Fruit ripens evenly, free from ridges and cracks, fine cropper even under very unfavorable conditions. Great canning variety. We recommend it highly. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.**

**441 Hastings' Improved Purple Acme** A big improvement over the old Acme. One of the very earliest, is almost round and has a thin but very tough skin. Our Improved Acme is a very heavy bearer, ripening evenly all over. Has a lovely purplish pink color, making it especially desirable as a market and shipping variety. Has few seeds; is thick, meaty and solid. It is desirable for market or home use with its fine color and flavor. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.**

**446 Livingston Globe** A most popular Tomato with Florida shippers. Our seed stock is grown from Livingston's original strain and kept absolutely pure. We find it one of the earliest; fruit smooth and of good size, firm flesh and few seeds. Very productive, fruit short jointed and clusters of fruit form at each joint. Fruit of right size and shape to pack well for shipment. Color of skin purplish red. Our observation is that almost all come true globe shaped, certainly thicker than others. **Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.**

**464 GULF STATE MARKET** Wonderful New Variety. Developed in Mississippi and found to be the best shipping variety ever grown. Earliest purplish pink variety with strong vines and blight resistant. Almost true globe shape and entirely free from cracks and blemishes at blossom end. Fruit in same cluster ripen uniformly so are economical to pick. In trials outyielded in number of fruit and in bulk all other shipping sorts. Also desirable for home and market. **Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.**

Hastings' Tomato Seed has a reputation surpassed by that of no other house in this country. It leads all others in the Tomato shipping sections of Florida, Mississippi and Texas.

**Culture** Scatter seed in bed or box thinly and cover with about ½ inch of soil. Before transplanting, break the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 feet apart each way; give clean cultivation. As plants grow it is best to tie them to stakes except the dwarf sorts like Dwarf Champion. One ounce of seed makes about 1,500 good plants. Use about four ounces of seed for one acre.

## 463 HASTINGS' BRIMMER TOMATO

The largest of all Tomatoes. Single Tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish pink and make the finest slicing Tomatoes, remarkably free from acidity, which keeps some people from eating Tomatoes. Grow the biggest and best Tomatoes with Brimmer. **Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$35.00.**

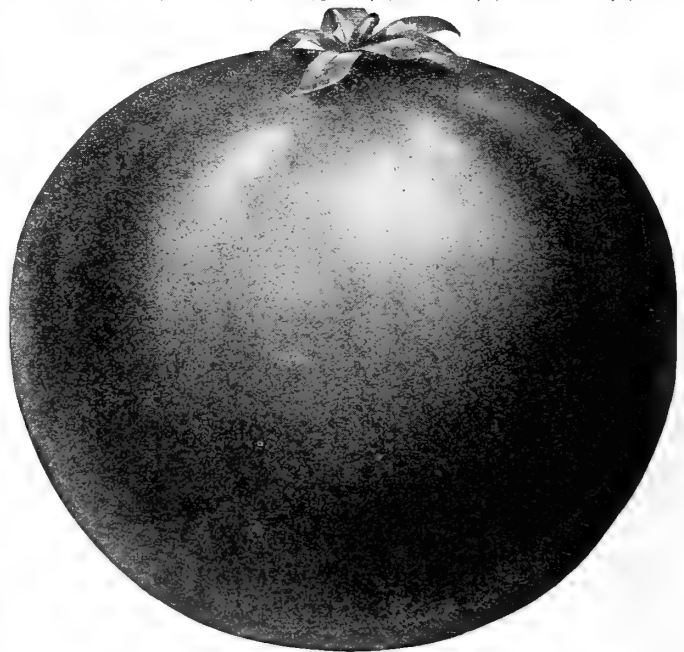
**451 Avon Early** Earliest scarlet Tomato; has entirely taken Spark's Earliana place with us. Best of its class, fine shape, very free from cracks and green stem ends. Vigorous, continuous bearer, large for so early, 5 to 8 fruits to cluster; round or slightly flattened, of fine quality. Excellent for gardens and local markets. **Packet, 10c. ½ Oz., 35c. Oz., 65c. ¼ Lb., \$2.25. Lb., \$8.00. 5 Lbs., \$37.50.**

**444 Hastings' Extra Early Prolific** Earliest, most prolific, smoothest and largest extra early. Vigorous, prolific bearer of fruit in clusters. Prized by market gardeners and for earliest home garden Tomatoes. **Packet, 10c. ½ Oz., 30c. Oz., 50c.**

**442 John Baer** Extra early scarlet Tomato of real merit. Largest fruit of any extra early; flesh firm, quality and color excellent. Smooth, nearly round, vines hardy and very productive. Mild flavor, tough skin that does not burst when ripe. Especially valuable for market gardeners, canners and shippers. **Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.**

**447 Hastings' Matchless** Large, second-early for home use, near-by markets or canning. Vigorous grower, productive and continues to produce until frost. Fruit large, very meaty and solid, with few seeds. Its color is brilliant red. **Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.50.**

**453 Golden Queen** Very handsome and the best large smooth yellow Tomato. Meaty, solid and sweet, with bright golden yellow color. **Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.50.**



(446) Livingston Globe Tomato

# 445 HASTINGS' REDFIELD BEAUTY

The Most Satisfactory  
Tomato You Can Grow

Our Redfield Beauty is the right size, the right earliness, the right shape, the right color, the right bearing qualities; the right shipping and eating qualities; in fact, it's an all right tomato in every respect. It has been planted since 1897 in all the Southern States, and has proven its superiority. Its vigorous growth, heavy and long bearing qualities and its comparative freedom from rotting under the most trying conditions of growth, make it a favorite everywhere. Of glossy crimson color with a slight tinge of purple. Grows in clusters of three to five fruit and is regular in size and shape. Retains its large size until all are packed. Of perfect shape and unexcelled for toughness of skin and solidity. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.50. Not Prepaid—10 Lbs., or over, \$3.50 per Lb.

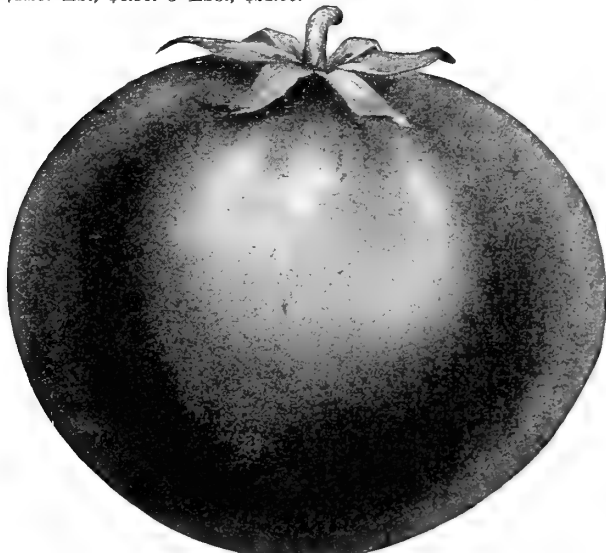
**439 Bonnie Best** A fine variety for the home garden and early market. Vines are vigorous and produce a good crop of exceptionally round and deep fruit, bright deep scarlet in color and of good quality. Crop ripens more uniformly than other early scarlets and is of superior solidity and interior color. Very desirable for beautiful shape and color. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.50.

**459 Early Detroit** Vigorous and productive; fruits medium size and of purplish pink color; firm and of good quality. A fine second-early variety, popular for home gardens, marketing and shipping. Fruits rather thicker than most varieties, especially adapted to Florida. Packet, 10c.  $\frac{1}{2}$  Oz., 20c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.50.

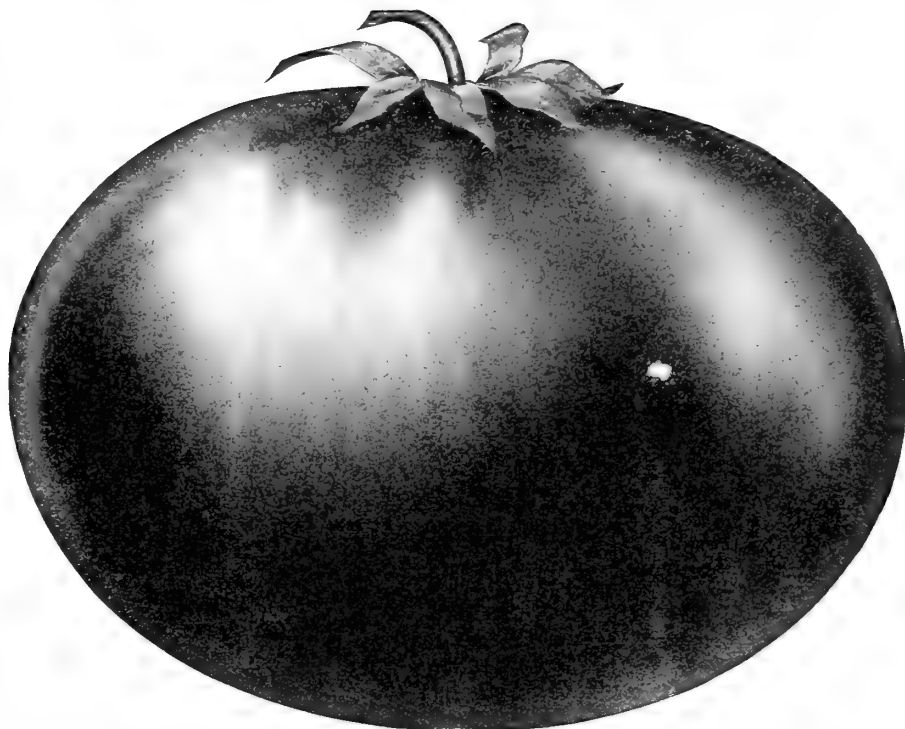
**449 The Stone** Extra large, smooth bright red. Used in some parts for winter shipment and a standard for canning. A large, smooth, solid, meaty Tomato for all purposes and a splendid variety to furnish late Tomatoes. Pkt., 10c.  $\frac{1}{2}$  Oz., 15c. Oz., 25c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.00. 5 Lbs., \$13.75.

## 452 Hastings' Dwarf Champion Tomato

Our special strain of Dwarf Champion is the only first-class Tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruit off the ground. Growth stiff, upright and compact; medium-sized purplish fruit, regular in size and shape and very smooth skin; one of our most popular and desirable varieties. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.50. 5 Lbs., \$21.00.



(452) Hastings' Dwarf Champion Tomato



(445) Hastings' Redfield Beauty, the All Right Tomato for You All Times of the Year

**456 LOUISIANA PINK** NEW WILT RESISTANT. Cross between Purple Ace and Earliana, developed by the Louisiana Experiment Station. It seems to have characteristics of both parents, and is a very heavy bearer of uniform, smooth, pink, medium-sized fruits. Skin is medium thick and flesh is firm; seed cavity small with few seeds. Medium early in ripening and especially resistant to wilt. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.

**440 NORDUKE-Wilt Resistant** New, very best resisting variety to date. Medium early, heavy bearer of large, smooth red fruit. It will not stand shipping but is excellent for local markets and home gardens. Far superior to Norton. If you are in wilt infected territory, plant Norduke. Pkt., 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.

**462 MARGLOBE** NEWEST WILT RESISTANT. Main crop, scarlet-fruited variety, originated by the U. S. Dept. of Agriculture for wilt resistance. It is claimed to be also resistant to "nail-head rust" which attacks Tomatoes. Fruit are of medium size, smooth, solid and deep from stem to blossom ends. They are set in clusters of 5 to 7 on vines with medium to heavy growth. Cell structure is irregular. It is a cross between Marvel and Globe and really has retained the best characteristics of each. Packet, 10c.  $\frac{1}{2}$  Oz., 50c. Oz., 90c.  $\frac{1}{4}$  Lb., \$3.00. Lb., \$10.00. 5 Lbs., \$46.00.

**458 NORTON** WILT RESISTANT. A main crop, scarlet-fruited variety. Norton was a selection for wilt resistance from The Stone by the U. S. Dept. of Agriculture. Fruit are of medium size, smooth and solid. Norton is a heavy bearing variety and gives a good crop. The vines make a medium to heavy growth. It is one of the best long distance shippers and is the biggest seller of all the wilt-resistant varieties. You should grow some Nortons if you are in wilt territory and expect to ship or market Tomatoes. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$28.00.

**454 Red Pear Shaped** Small odd looking Tomatoes. Very strong growers, and very productive. Suitable for preserves and pickling.

**450 Yellow Pear Shaped** Each—Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50.

**461 Yellow Plum Tomato** Similar to the Pear Shaped but larger and plum shaped; sweet, meaty and prolific. A Girls' Canning Club favorite for preserves. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Write for larger quantity prices.

# FALL IS TURNIP PLANTING TIME

**Culture** Turnips is the big fall garden crop throughout the whole South. They are hardy, make delicious greens or turnip salad and the roots make a tempting table food all through the winter months.

Careful attention should be given to seed for planting as in all vegetables. You want the best and most delicious varieties and good strong seeds. Take no chances with cheap inferior seeds. The very best, as you see below, are very reasonable in price and it will pay you always to send your orders to Hastings.

Turnips do best on new ground or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted Turnips, inferior in quality and with a rank flavor. For fall or winter use sow Rutabagas July 15th to September 1st; Turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre. Ready for use in 8 to 10 weeks.



(467) Hastings' Early White Flat Dutch Turnip



(466) Hastings' Early Red or Purple Top Turnip

**467 Early White Flat Dutch** One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine taproot. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.

**466 Early Red or Purple Top** See the illustration of this variety above on this page. Another popular variety of early flat Turnip, being almost identical with Early White Flat Dutch except for the deep red purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.



(475) Hastings' Purple Top Globe Turnip

**471 Southern Snow-White** Color pure white, shape round, size large, **Globe** solid, quick growing for a Turnip, producing great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellows like an apple in keeping. It is productive, hardy, and closely resembles Purple Top Globe. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.

**474 Golden Ball** A splendid and distinct yellow variety. Fine grained, medium sized, as round as a ball with a clear, deep, orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored yellow variety. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. Not Prepaid—10 Lbs., or over, 50c per Lb.

**470 Long White or Cowhorn** Roots long and carrot-shaped, one-third showing above ground. It roots deeply, resisting drought and cold. Flesh pure white, fine-grained, sweet and of excellent table quality. Frequently planted together with Dwarf Essex Rape for stock food. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.

**475 Purple or Red Top Globe** Our most popular early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.

**476 Extra Early White Egg** See inside of front cover. Finest flavored of all early Turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snow white; solid, fine-grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners sell at top prices. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., or over, 50c per Lb.

**465 Extra Early Milan** Earliest of all Turnips. A flat, purple topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfect in shape and color; sweet and fine grained. Packet, 5c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.50.



# HASTINGS' BIG 7 TURNIP COLLECTION 35c

The most popular of all Turnip collections. See description of these fine Turnips on pages 26 and 27 of this catalog. Hastings' "Big 7" gives each family in the South its chance to have a full supply of early, medium and late Turnips. For 35 cents we will send you, postpaid, one full ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Improved American Rutabaga, and Seven Top Turnip. Seven ounces of Turnips, all different, of the very best seed for 35 cents, delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this fall, what you hold over is perfectly good for next spring's sowing. This superb Turnip collection is now a standard for all Turnip planting in every Southern State. This collection will give you all the Turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip Seed:

## 7 Ounces, 7 Varieties, 35 Cents Postpaid



(477) Hastings' Seven Top or "Salad Turnip" for Greens

**469 Yellow or Amber Globe** Sometimes called Yellow Stone. Undoubtedly the best of the yellow fleshed sorts. Globe shaped, light yellow colored skin and flesh. Fine grained, sweet and a good keeper. A heavy cropper. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.

**472 Early Snowball** A splendid extra early white skinned and fleshed Turnip that is fine for spring or fall planting. Flesh snowy white, crisp and tender. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.

**477 Seven Top** The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it also furnishes "greens" very quickly. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.



(468) Hastings' Improved American Rutabaga—Finest in the World

**479 Hastings' Mixed Turnips** A mixture of Turnips and Rutabaga listed by us, giving a variety of Turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.

**468 Hastings' Improved American Rutabaga** Best and heaviest cropper per of all Rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1894 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs. or over, 50c per Lb.

## OTHER HASTINGS' CATALOGS

Hastings' Bulb and Nursery Catalog, ready October 1st, will be sent to all who have ordered plants or bulbs last fall or this last spring. This valuable Catalog contains our full list of fall planting bulbs, some of which are also listed in this Catalog. It is a Nursery Book of some of the finest evergreens, trees and flowering and ornamental shrubs in America. Roses, Azaleas, Peonies and such are included. This Catalog represents the Hastings' Plantation Nursery. Write for this "Bulb and Nursery Catalog" for your Home Beautiful. It contains some wonderful suggestions for your home beautification.

Hastings' big new Spring 1928 Catalog of seeds, bulbs and plants will be mailed to all customers early in January.

# HASTINGS' "HOME BEAUTIFUL" FLOWER SEEDS

Only varieties adapted to fall planting in the Southern States are here catalogued. Make your home a "Home Beautiful" with flowers. **LIBERAL PREMIUMS**—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents worth extra, and for \$4.00 you may have \$1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants or the special seed collections. Read carefully and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packets and ounces only.

## HASTINGS' FLOWER SEEDS

Have no superiors and few equals. We use just as much care in the production of the finest strains of flower seeds as we do in vegetable seeds. We do this because it pays us. Our business experience has shown us that our best advertisement is a satisfied customer, and our special high-grade strains of seeds are bound to satisfy each one who plants them properly. The increase in our sales of flower seed in the past ten years has been enormous. Our customers find that the quality of our seed and the size and brilliancy of the bloom from our special strains of flower seeds surpass anything they have ever had. We spare no trouble or expense to get the very best for our customers—the finest varieties of all flowers adapted to planting in the South.

Our packets of flower seeds are larger than those of most seedsmen. There are enough seeds in Hastings' packets to give plenty of plants of each kind. We have no 1, 2 or 3-cent packets such as are offered occasionally. Our packets contain good seeds and plenty of them. We do not put in 6 or 7 sweet peas, or 12 or 15 poppy seed, as fine as dust, and call it a packet. Our business is not conducted on that basis. We charge you a reasonable price, just what the goods are worth, and then add to your order the extra seeds allowed in the offer at the top of this page.

## PLANNING THE FLOWER GARDEN

Before ordering flower seeds or plants it is best always to make a plan for final or lasting results. You don't have to be a landscape gardener to make a beautiful home place. You can make a log cabin home beautiful as well as the ground around a costly mansion. Unsightly places, as back yards, fences and house foundations should be screened from view—all other views left unobstructed except by low-growing plants. Plan to show off the home as a pleasing sight. Don't jump in and patch up your place for immediate results. Plan to add to the beauty of your home each year.

**The Soil** A mellow loam, which is a medium earth between the extremes of clay and sand, enriched by a compost of rotten manure and leaf mold, is adapted to the generality of flowering plants. Previous to planting flower beds or borders care must be taken that they are so arranged that the ground is a little elevated in the middle, allowing the water to run off, this also showing off the plants to better advantage.

## HOW TO SOW FLOWER SEEDS

With few exceptions flower seeds are very small, and sowing them by the inexperienced often results in failure, either partial or complete, because a few simple rules are not followed. There is nothing mysterious about success with flowers. They require care and a little common sense. With these failure is almost impossible. It is work that can not be left to a farm hand or laborer. It must receive your careful personal attention. By observing closely the following rules for sowing flower seed you will have little cause for complaint or failure.

**Planting the Seed** Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; very small seeds, like petunias, should be merely sprinkled on the surface of the ground, and barely covered with finely-sifted, light mellow soil; press the soil down firmly over the seeds with a brick or a short piece of board. For larger seeds the depth should be regulated according to the size of the seeds, those the size of a pinhead,  $\frac{1}{4}$  inch deep, and those the size of a pea,  $\frac{3}{4}$  of an inch or more. Get a piece of lath (it would be better if planed smooth) about two feet long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted, scatter the seed along this, allowing 4 or 5 of the larger to 15 or 20 of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing; turn your lath flatwise and press the soil down firmly. On light, sandy soils flower seeds should be covered twice the depth that they should be in stiff or heavy clay soils.

**Sowing in Boxes** Almost all flowers will stand transplanting. Many of them grow better for having been transplanted. Sow the same as in open ground, and keep the soil moist, but not soaking wet. If surface of soils show tendency to cake or crust, scratch it lightly to break the crust. Small seeds cannot force their way through a crusted surface. As soon as plants reach a height of 2 or 3 inches they may be transplanted, taking as much earth as possible with each plant, so as not to disturb the roots more than necessary.

Especially in the Lower South, many flowers are planted in the winter, while farther North we have to wait for spring. There, even earlier blooms may be had by growing in boxes and keeping in a sunny window until the time for planting outdoors.



(1400) Hastings' Superb Mixed Dianthus or Garden Pinks—Packet, 10 Cents, 3 Packets, 25 Cents. Ounce, \$1.00.

## Hastings' Dianthus or Garden Pinks

Our famous Garden Pinks add delight to any home. They are extremely popular all over the South and we are offering you the very finest varieties that can be grown.

**1400 HASTINGS' SUPERB MIXED**—Many prefer a few plants of many varieties of Pinks instead of buying separately. This magnificent mixture contains all the Chinese and Japanese Pinks, having the widest range of form, color and markings imaginable. Double flowers chiefly with some fine singles. Large Packet, 10c. 3 for 25c. Oz., \$1.00.

**1402 DOUBLE CHINENSIS**—All shades and colors of free flowering double China Pinks, mixed. Packet, 10c. Oz., 50c.

**1434 HEDDEWIGI ALBUS**—Double flowered Japanese (Hed-dewigi) variety. Very popular white. Packet, 10c. Oz., 60c.

**1436 H. ATROPURPUREUS**—Double dark purple Japanese variety of great charm and distinction. Packet, 10c. Oz., \$1.00.

**1412 H. ATROSANGUINEUS**—Nanus Compactus. Double crimson red; beautiful Japanese type. Packet, 10c. Oz., \$1.50.

**1406 H. CRIMSON BELLE**—Large single flowers; richest glowing crimson, beautifully fringed. Packet, 10c. Oz., 60c.

**1408 H. DIADEM**—The double "Diadem Pink" with various shades of purple, lilac and crimson with white fringed edges. Packet, 10c. Oz., 60c.

**1410 H. EASTERN QUEEN**—Large single flower; exquisite coloring in a bizarre or marbled rose and mauve effect. Packet, 10c. Oz., 60c.

**1426 H. MOURNING CLOAK**—White Frills. Extra double with rich, dark velvety mahogany, nearly black, body color in contrast to fringed white edges. Packet, 10c. Oz., 60c.

**1428 H. SALMON QUEEN**—Laciniatus type. Well formed nicely fringed flowers of brilliant salmon which changes to salmon rose, a rare shade in Pinks. Packet, 10c. Oz., \$1.00.

**1430 H. THE BRIDE**—Laciniatus type. Large handsome flowers of silvery white with rich purplish red eye surrounded by a darker crimson ring. Packet, 10c. Oz., 60c.

**1432 H. VESUVIUS**—Laciniatus type. Like the flames of the volcano, a fiery orange scarlet. Effective single flowers for beds or borders. Packet, 10c. Oz., \$1.00.

**1438 IMPERIALIS STRIATUS**—The double Imperial Pink in striped flowers of red and white. Odd and very attractive for cut flowers as well as outdoors. Packet, 10c. Oz., 60c.

**AGERATUM**

Colors are blue and white, grows 1½ to 2 feet tall, light green foliage with clusters of small, tassel-like flowers. Half hardy annual for lower South and for boxes and pots from fall sowing. **1010 IMPERIAL WHITE.** **1011 MEXICANUM BLUE.** **1012 BLUE AND WHITE MIXED**—Each: Packet, 10c. Oz., \$1.00.

**ALYSSUM**

Free flowering tender annual border plants of quick growth for the lower South from fall sowing. **1020 SWEET ALYSSUM.** See picture. Grows 5 to 10 inches tall, finely cut foliage with clusters of small white flowers. Pkt., 5c. ½ Oz., 30c. Oz., 50c. **1022 LITTLE GEM ALYSSUM.** Grows 3 to 4 inches tall, extra profuse bloomer. Pkt., 10c. ½ Oz., 35c. Oz., 60c.

**CALENDULA POT MARIGOLD.**

Very showy hardy annual for cut flowers, beds and borders. Colors yellow and orange, growth 12 to 20 inches tall outdoors. Fall sowings in lower South only. **1203 DOUBLE METEOR.** Large creamy white, petals edged orange. **1202 HASTINGS' MIXED.** All colors, double varieties. Each: Pkt. 10c. Oz., 50c.

**CALLIOPSIS ANNUAL COREOPSIS.**

See picture below. Colors bright yellow and rich brown with shades of red; 1 to 2 feet tall; showy plants easily grown. **1216 SPLENDENS.** Tall golden yellow; newest and best. Pkt., 10c. Oz., \$1.50. **1217 TALL MIXED.** 18 to 24 inches high. Pkt., 5c. Oz., 50c. **1218 DWARF MIXED.** Very rich colors. Pkt., 10c. Oz., 60c.

**CANDYTUFT**

**Iberis.** Showy, branching, very hardy annual for fall or early spring sowing. Grows 12 to 15 inches tall; blooms from June to September. **1220 MIXED.** All colors and shades. **1222 DARK CRIMSON.** **1224 ALBIDA.** White. **1226 ROSE CARDINAL.** Each: Pkt., 10c. Oz., 50c.

**CENTAUREAS**

**1282 CORNFLOWER.** Bachelor's Button or Ragged Robin. See picture. Great favorite hardy annual, self seeder after started. Plant in fall or spring in the South. All colors, mixed. Pkt., 5c. Oz., 50c. **1283 BLUE CORNFLOWER** or Cyanus. Same as above, blue in color. Pkt., 10c. Oz., 60c. **1280 DUSTY MILLER.** Silvery white leaves, grows 1 foot tall; grown for its foliage. Pkt., 10c. Oz., \$1.00. **1284 SWEET SULTAN.** Centaurea Imperialis. All colors, fully double. Flowers 3 to 4 inches across on long stems. Pkt., 10c. Oz., 75c.

**DAISIES**

**1380 BELLIS PERENNIS.** True English double Daisy, growing 6 to 10 inches high and spreading rapidly. Perennial. Treat same as Violets. Colors rose-pink and white, mixed. See picture. Pkt., 10c. Oz., \$4.00.

**1384 SHASTA DAISY.** See picture. Grows 24 to 30 inches high, very large flowers. Perennial, lasting for years. Pkt., 10c. Oz., \$2.50.

**DELPHINIUM-LARKSPUR**

Annual kinds are called Larkspur and Perennial kinds are Delphinium. Both may be sown in lower South in fall or farther North in cold-frames for transplanting in spring. Tall growing plants with large spikes of exquisite colored blooms. See

picture of Larkspur. **1542 EMPEROR MIXED.** Double Stock flowered Larkspur of many colored flowers, growing 2 ft. high. Pkt., 10c. Oz., 50c. **1544 TALL MIXED.** Taller growers, double Stock flowered of all colors. Pkt., 10c. Oz., 50c. **1543 TALL SKY BLUE.** Most popular color of today. Pkt., 10c. Oz., 75c. **1541 DELPHINIUM XXX HYBRID.** The Perennial Larkspur that lasts for years, growing 5 feet tall; various shades of blue. These are the newest and finest Delphiniums yet produced. Pkt., 15c. Oz., \$3.50.

**DIGITALIS**

**1440 FOX GLOVE.** Huge spikes of many bell shaped flowers of white, lavender and rose. Hardy Perennial but sow in late summer or fall, protect from killing frosts and treat as a biennial. Pkt., 10c. Oz., \$1.00.

**FOUR O'CLOCKS**

**1473 MIRABILIS.** Showy, free-flowering, self-sowing, annual, well adapted to the South. Sow in fall only in lower South or inside. Grow 2 feet high; flower colors white, yellow, red and violet with variegations. Mixed colors. Pkt., 5c. Oz., 50c.

**GAILLARDIA**

**1474 BLANKET FLOWER.** Strong growing, very showy, self sowing annual with Daisy-like flowers on long stems, covering the plants with a blanket of bloom; growth 18 to 24 inches high. Pkt., 10c. Oz., 50c.

**HELICHRYSUM**

**1490 STRAWFLOWER** or Everlasting Flower. Grows 30 inches high, with attractive white, pink, red and yellow flowers that when dried last for months. Sow outdoors in fall only in the far South, otherwise indoors. Rather hardy annual. See picture below. Pkt., 10c. Oz., 75c.

**HELIOTROPE**

**1500 HELIOTROPE.** Fragrant half-hardy Perennial treated as an annual farther North, but usually stands Southern winters if protected. Blue, white and rose flowers; grows 18 to 24 inches high. Pkt., 10c. Oz., \$2.50.



(1544) Larkspur

picture of Larkspur. **1542 EMPEROR MIXED.** Double Stock flowered Larkspur of many colored flowers, growing 2 ft. high. Pkt., 10c. Oz., 50c. **1544 TALL MIXED.** Taller growers, double Stock flowered of all colors. Pkt., 10c. Oz., 50c. **1543 TALL SKY BLUE.** Most popular color of today. Pkt., 10c. Oz., 75c. **1541 DELPHINIUM XXX HYBRID.** The Perennial Larkspur that lasts for years, growing 5 feet tall; various shades of blue. These are the newest and finest Delphiniums yet produced. Pkt., 15c. Oz., \$3.50.

**DIGITALIS** **1440 FOX GLOVE.** Huge spikes of many bell shaped flowers of white, lavender and rose. Hardy Perennial but sow in late summer or fall, protect from killing frosts and treat as a biennial. Pkt., 10c. Oz., \$1.00.

**FOUR O'CLOCKS**

**1473 MIRABILIS.** Showy, free-flowering, self-sowing, annual, well adapted to the South. Sow in fall only in lower South or inside. Grow 2 feet high; flower colors white, yellow, red and violet with variegations. Mixed colors. Pkt., 5c. Oz., 50c.

**GAILLARDIA**

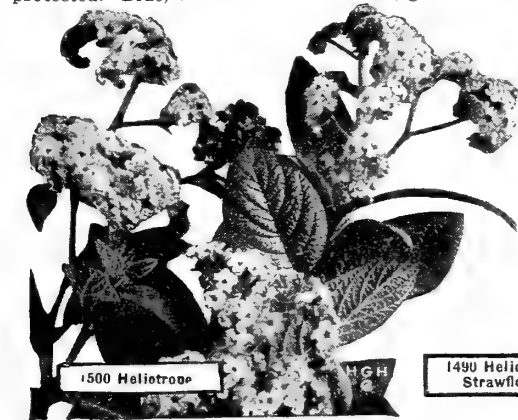
**1474 BLANKET FLOWER.** Strong growing, very showy, self sowing annual with Daisy-like flowers on long stems, covering the plants with a blanket of bloom; growth 18 to 24 inches high. Pkt., 10c. Oz., 50c.

**HELICHRYSUM**

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**HELIOTROPE**

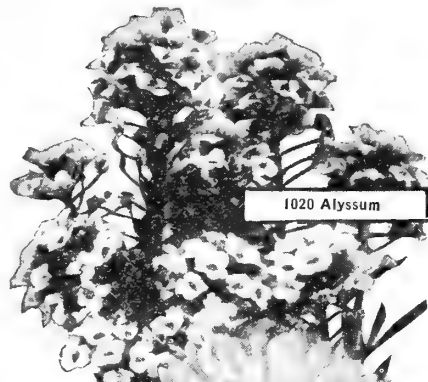
**1500 HELIOTROPE.** Fragrant half-hardy Perennial treated as an annual farther North, but usually stands Southern winters if protected. Blue, white and rose flowers; grows 18 to 24 inches high. Pkt., 10c. Oz., \$2.50.



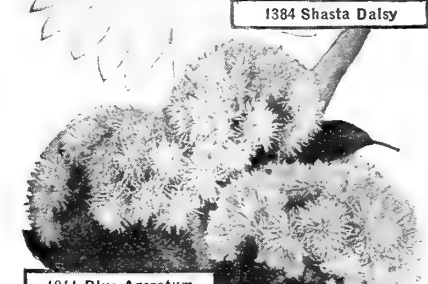
1500 Heliotrope



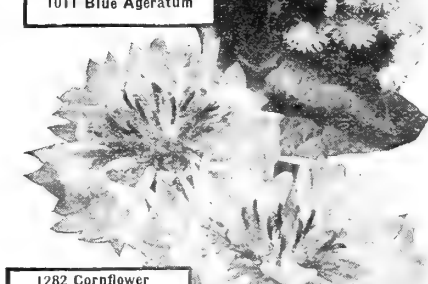
1490 Helichrysum, Strawflowers



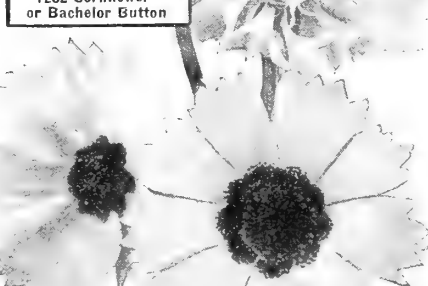
1020 Alyssum

1380 Bellis Perennis  
Dbl. English Daisy

1384 Shasta Daisy



1011 Blue Ageratum

1282 Cornflower  
or Bachelor Button

1216 Calliopsis

**MARIGOLD** Hardy, self sowing annuals, profuse bloomers, South only. **1554 DWARF FRENCH.** 6 to 8 inches tall, small highly colored flowers. Pkt., 5c. Oz., 50c. **1555 TALL FRENCH.** Small flowers but 15 to 30 inches tall. Pkt., 5c. Oz., 50c. **1553 TALL DOUBLE AFRICAN.** Largest and best type, various shades of yellow and orange. Extra fine. Pkt., 10c. Oz., 75c.

**MATRICARIA** **1558 FEVERFEW.** Double white flowers in clusters on long stems; 18 inches high; half hardy Perennial. Pkt., 10c. Oz., 50c.

**MIGNONETTE** **1560 MIGNONETTE.** Sweet scented cone shaped flowers of white, yellow and red. Hardy annual; 1 foot high. Pkt., 5c. Oz., 50c.

**NASTURTIUMS** Everybody's flower for borders, boxes, beds or cut-flowers. Tall varieties climb on fences, stumps or flower stands. Tender annual for fall sowing in lower South or indoors. **1595 TALL MIXED.** All colors of tall varieties. Pkt., 5c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. **1590 BUSH OR DWARF.** Large flowers of gorgeous colorings. Pkt., 5c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. (Separate colors of Dwarf if desired, at same price; Yellow, Rose, Indian Yellow, Purple, Dark Scarlet, Yellow-Red.)

**NIGELLA** **1597 LOVE IN A MIST.** Hardy annual with blue and white flowers for borders and cutting. Grows 18 inches high and has odd shaped seed pods. Sow outdoors in fall for best blooms during following summer. Pkt., 5c. Oz., 50c.

**PANSIES** Extremely popular hardy annual that stands most any Southern winter. For best results sow about September 1 for blooming all through the following spring and summer. **1600 FINE MIXED.** Common varieties of many colors. Pkt., 5c. Oz., \$1.50. **1601 FRENCH MIXED.** A good mixture of French varieties. Pkt., 10c. Oz., \$2.00. **1602 ENGLISH "FACE" PANSIES.** The best large flowering face Pansies and very beautiful. Pkt., 15c. Oz., \$2.50. **1603 HASTINGS' SUPERB MIXED.** Our own mixture of the finest and largest flowered varieties in the world. The most satisfactory exhibition strains. Pkt., 25c. 3 for 50c. Oz., \$6.00.

**PETUNIAS** Tender Perennials but treat as Annuals, doing especially well all over the South. Grow about 18 inches high, blooming profusely. Sow in fall only in far South or transplant for indoor growing in winter. **Doubles and Giant Singles** are not satisfactory for ordinary planting. **1610 FINE MIXED.** Solid colors. Pkt., 10c. Oz., \$1.50. **1611 STRIPED AND BLOTCHED.** Splendid variegated sorts. Pkt., 10c. Oz., \$1.50. **1609 HASTINGS' DELUXE BEDDING MIXTURE.** The finest and largest except the Doubles and Giant Singles in cultivation. New selected type with gorgeous large blooms. Pkt., 20c.  $\frac{1}{4}$  Oz., \$1.00. Oz., \$5.00. **1614 ROSY MORN.** Popular rich pink with white throat. Pkt., 15c. Oz., \$4.00. **1615 PURPUREA.** Richest crimson-red. Pkt., 10c. Oz., \$2.00. **1616 SNOWBALL.** Pure white. Pkt., 15c. Oz., \$2.50. **1617 VIOLACEA.** New deep violet. Pkt., 15c. Oz., \$3.50. **1612 GIANT SINGLE FRINGED.** Finest single Petunias for expert growers. Pkt., 25c.  $\frac{1}{4}$  Oz., \$5.00. **1613 DOUBLE MIXED.** About half come double, others giant singles. For expert growers. Pkt., 25c.  $\frac{1}{4}$  Oz., \$25.00.

**POPPIES** Well known, popular single and double flowers. These are annuals for fall planting in the far South.

**1650 HASTINGS' SUPERB MIXED.**—The widest colors and shape of single and double annual Poppies. Pkt., 10c. Oz., 50c.

**1654 CARNATION FLOWERED.**—Double fringed; mixed colors. Pkt., 10c. Oz., 50c.

**1662 PEONY FLOWERED.**—Double ball shaped; mixed colors. Pkt., 10c. Oz., 50c.

**1665 SHRIMP PINK.**—New Peony flowered; finest tall Poppy. Pkt., 10c. Oz., \$1.00.

**1672 SHIRLEY MIXED.**—Large single cup shaped of many colors. Pkt., 10c. Oz., 50c.

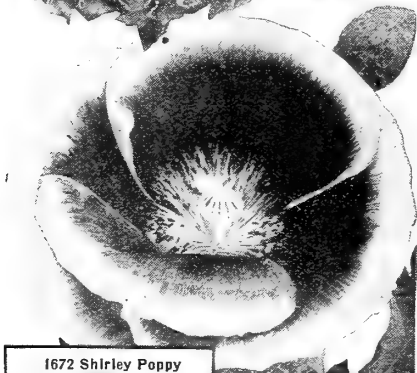
**1661 ORIENTALE.**—Huge 6-inch oriental red Poppy. Annual. Pkt., 15c. Oz., \$1.50.

**ESCHSCHOLTZIA** State flower of California. Low growing annual. **1450 CHOICE MIXED.** Yellow, orange, white. Pkt., 10c. Oz., 50c. **1451 DOUBLE.** White, yellow. Pkt., 10c. Oz., \$1.00. **1454 GOLDEN WEST.** Single golden. Pkt., 10c. Oz., 50c. **1455 AURANTIACA.** Orange; best. Pkt., 10c. Oz., 60c.



1560 Mignonette

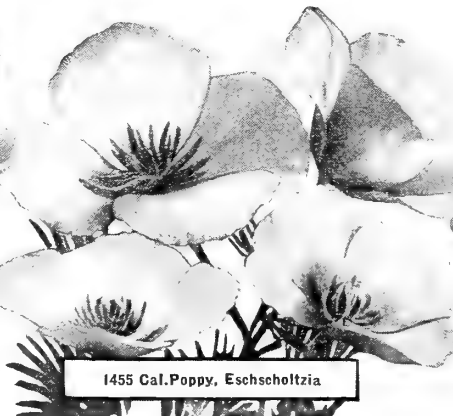
1553 Marigold



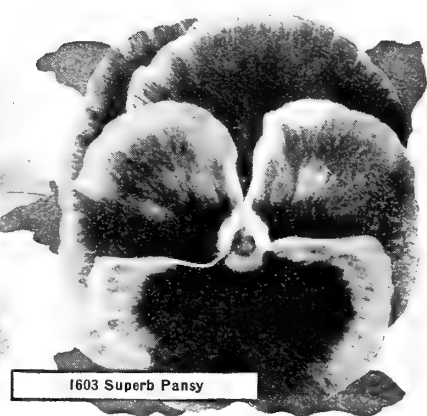
1672 Shirley Poppy



1611 Petunias



1455 Cal. Poppy, Eschscholtzia



1603 Superb Pansy



(1590) Nasturtiums





(1044) Snapdragon

**PHLOX** These are hardy annuals, Perennial Phlox being obtained by buying plants or root divisions (see our spring catalog). Grow about 1 foot high, with large clusters of brilliant flowers and very easily grown. Sow in lower South in fall or in cold-frames. **1630 FINE MIXED.** All colors. Pkt., 10c. Oz., \$1.50. **1631 GRANDIFLORA MIXED.** Large flowers in large clusters for great display. Pkt., 10c. Oz., \$2.00. **1632 CUSPIDATA STAR.** Star shaped flowers with pointed petals. Pkt., 10c. Oz., \$2.50. **1633 NEW DWARF MIXED.** 6 inches high and covered with large flower trusses. Pkt., 10c. Oz., \$2.50.

**SCABIOSA** Also called Mourning Bride, Pin Cushions and Sweet Scabius. See picture. Attractive old-fashioned hardy annuals in many colors. Sow in fall in lower South or protect from cold. Grow 24 to 30 inches high. **1700 MIXED.** **1701 AZURE FAIRY.** Azure blue. **1702 FLESH PINK.** **1703 CHERRY RED.** **1704 SULPHUR YELLOW.** **1705 SNOWBALL.** White. Each: Pkt., 10c. 3 for 25c. Oz., 60c.

**SNAPDRAGON** Antirrhinum. Extremely popular tender Perennials that stand Southern winters if somewhat protected. Beautiful for beds, borders and cut-flowers, growing 18 to 24 inches tall with large spikes of rich colored blooms. Easily grown. **1040 FINEST MIXED.** Pkt., 10c. Oz., 75c. **1041 DAPHNE.** Rose pink with white tube. Pkt., 10c. Oz., \$1.00. **1042 DEFIANCE.** Richest orange scarlet; finest red. Pkt., 10c. Oz., \$1.75. **1044 MONT BLANC.** Large pure white. Pkt., 10c. Oz., \$1.00. **1046 GIANT YELLOW.** Richest yellow in great demand. Pkt., 10c. Oz., \$1.00.

**STOCKS** **1698 LARGE FLOWERING TEN WEEKS.** The Stock or Gilliflower is one of our most popular annuals for bedding or pot culture. It grows about 1 foot tall and produces fragrant flowers in various shades of red, pink, rose, blue, lilac, yellow and white. For winter blooming in pots or outdoors in the far South, plant in August or September in rich, heavy soil and keep them from drying out. You could hardly find a more satisfactory flowering annual. Pkt., 10c. 3 for 25c. Oz., \$2.00.

**SWEET WILLIAM** **Dianthus Barbatus.** Hardy flowering plants in all shades of pink, scarlet, crimson, white and white with dark eyes. Forms a large head of clustered flowers that are fragrant. Grows 10 to 15 inches tall and while roots may be divided it is best to sow seed in late summer or early fall for blooms each following May and June. Better and larger flowers come from seed. **1775 SINGLE MIXED.** All colors of brilliant flowers. Pkt., 10c. Oz., \$1.25. **1776 DOUBLE MIXED.** Fine double flowers of bright colors. Pkt., 10c. Oz., \$2.00.

**VERBENA** Free flowering tender Perennial of low, spreading growth, usually treated as an annual. Sow in fall only in lower South or indoors. Easily grown, better for transplanting, grows 1 foot high and covered with clusters of white to deep purple, red and striped flowers. **1781 HYBRIDS.** All colors. Pkt., 10c. Oz., \$1.50. **1782 HASTINGS' MAMMOTH MIXED.** The finest strain grown. Pkt., 15c. Oz., \$3.00. **1784 CANDIDISSIMA.** Largest white. Pkt., 10c. Oz., \$2.00. **1786 SCARLET DEFIANCE.** Glowing red. Pkt., 10c. Oz., \$2.00. **1787 LUCIFER.** Vivid scarlet self. Pkt., 10c. Oz., \$2.00. **1788 ITALIAN STRIPED.** All petals striped, many colors. Pkt., 10c. Oz., \$2.00. **1789 MAYFLOWER.** Exquisite pink self color. Pkt., 10c. Oz., \$3.00. **1790 PURPLE MANTLE.** Richest purple. Pkt., 10c. Oz., \$2.00.

**WALLFLOWER** **1800 WALLFLOWER.** Well known fragrant Perennial, usually hardy in the South. When properly cared for lasts for years. Grows 18 inches high with terminal spikes of chocolate, orange, yellow, red and purple flowers. Finest doubles and mixed colors. Pkt., 10c. Oz., 50c.

**HASTINGS' MONSTER ZINNIAS** The flower for everyone. Gives more for the time and money spent than probably any other flower. While half hardy annuals and usually sown in spring, may be sown in the early fall in the lower South or for indoors. Make effective beds and borders with a range of colors through purple, crimson, violet, scarlet, rose, salmon, orange, yellow and white. Grows from 18 inches for the Dwarfs to 2 and 3 feet high for Tall and Monster Zinnias. Zinnias are the most popular flowers on our whole list. While this is written in June, we have already sold Zinnia seed to more than 100,000 customers this year. You must know they are popular and the finest Zinnias yet produced. The Tall and Dwarf varieties listed below are ordinary sized flowers. The Monsters are the largest, flowers often 6 inches across, and largest plants in cultivation. While a new type, they are rather well fixed as to separate colors. The Dahlia Flowered are not yet fixed as to colors, so we only offer them in mixed colors. They are as large as the Monsters and are Dahlia-flowering in appearance. Very new and worth while. Transplanting produces better plants and flowers.

**1810 TALL DOUBLE MIXED.** Ordinary sized, mixed colors. Pkt., 10c. Oz., 60c. **1814 HALF DWARF MIXED.** All colors, regular sized flowers. Pkt., 10c. Oz., 75c.

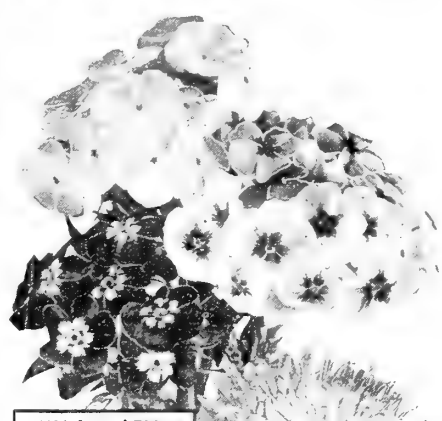
**1820 MONSTER CRIMSON.** **1822 MONSTER PINK.** **1824 MONSTER PURPLE.** **1826 MONSTER SCARLET.** **1828 MONSTER YELLOW.** **1830 MONSTER WHITE.** **1812 HASTINGS' MONSTER MIXED.** All colors of these Giant Zinnias, finest and largest grown. Monster Zinnias—Each: Pkt., 15c. Oz., \$1.75.

**1850 DAHLIA FLOWERED MIXED.** New Giant flowered type with overlapping petals. Exquisite shades of rose, lavender and old gold. Pkt., 20c. 3 for 50c. Oz., \$3.00.

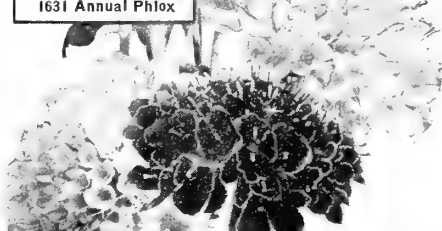
**Bulb Notice!** While many flowers may be grown from fall sown seed and many should be planted in the fall for best results, the Tulips, Daffodils, Hyacinths, Crocus, Freesias, Lilies, etc., from Bulbs are the easiest grown and most gorgeous of all spring blooming flowers.

## HASTINGS' NURSERY CATALOG

Our new Nursery and Bulb Catalog will be ready for you October 1st. Our full list of Tulips, Hyacinths, Daffodils, Lilies and other fall planting bulbs, including many new and rare sorts—also our complete list of America's finest and most beautiful Evergreens, Roses, Azaleas, Peonies, exquisite flowering shrubs and hardy ornamental plants for planting this fall and winter. Be sure to write for this "Home Beautiful" book if at all interested. Write for it now!



1631 Annual Phlox



1700 Scabiosa



1775 Sweet William



1820 Monster Zinnia



(1710) Hastings' Unexcelled Sweet Peas

- proof. Most brilliant red. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1732 KING EDWARD SPENCER**—Crimson. Brilliant crimson-scarlet, wavy, very large and open form. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1734 ROBERT SYDENHAM**—Orange. Glowing self color, magnificent. Large, wavy flowers, 4 to a stem. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1736 ROYAL PURPLE**—Purple. Rich, warm royal purple. Easily the finest purple. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1740 SENATOR**—Striped. Deep claret and chocolate, striped and flaked on light heliotrope. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1742 WEDGEWOOD**—Blue. Bright silvery azure blue. Wavy flowers on long stems; best blue. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.
- 1744 WHITE SPENCER**—White. Beautifully waved and fluted flowers of enormous size. Excellent. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

## GRANDIFLORA SWEET PEAS

The Grandiflora type is the common Sweet Peas that have been so popular for years. This type produces more flowers and stands indifferent treatment better than the newer type but the flowers are not as large and stems are not as long.

- 1713 AMERICA**—Striped. Variegated carmine on white, open form, good size. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.
- 1714 DOROTHY ECKFORD**—White. The best Grandiflora. Magnificent shell shaped pure white. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.
- 1715 KING EDWARD VII**—Crimson. Pure red of the largest Grandiflora size; open form. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.
- 1716 LADY GRISEL HAMILTON**—Lavender. Large soft lavender, tinted mauve. Hooded form; extra. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.
- 1717 NAVY BLUE**—Blue. Richest deep violet blue, almost as fine as Spencers. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.
- 1718 PRIMA DONNA**—Pink. Clear, delightful soft pink self colored. The best pink Grandiflora. Packet, 5c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.

## HASTINGS' MIXED SWEET PEAS

**1765 HASTINGS' EARLY FLOWERING MIXED**—All Colors. Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. These are all Early or Winter Flowering Spencer Sweet Peas, the newest race or type. Packet, 10c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00.

**1720 HASTINGS' MIXED SPENCERS**—All Colors. Our own mixture of the finest Sweet Peas in the world. It contains the most delightful array of colors you can imagine and the large, wavy and fluted petals have almost an orchid-like appearance. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**1710 GRANDIFLORA MIXED**—All Colors. Made up of 60 of the best varieties of this type, selected after careful observation of nearly 500 named varieties. These have been selected for rich colors, shades and tints to give a proper blend of color and sun resistance. Packet, 5c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50.

# Sweet Peas

This is probably the most popular flower grown today and more improvements have been made than on perhaps any other flower. In the lower South, Sweet Peas are grown through the winter. In the upper South plantings are made from November to March, though January and February outdoor plantings are better. Culture directions are on each package.

## Early or Winter Flowering Sweet Peas

Especially adapted to the lower South for outdoor planting and for florists for greenhouse culture. They bloom a week or ten days sooner than regular Spencer Sweet Peas planted at the same time, but don't bloom as freely. Try some along with the regular Spencers. The Early Flowering type or race is the newest thing in Sweet Peas.

**1766 ENCHANTRESS**—Deep Pink. Bright rose-pink, deeper at edges. Large, waved flowers, usually borne in fours on long stems. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1767 FIRE KING**—Cerule. Scorching fire-red, the winter flowering Fiery Cross. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1768 GLITTERS**—Orange-scarlet. No other variety can compare in richness, brightness and fiery effect. It glitters. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1769 LAVENDER KING**—Lavender. Rich true deep lavender, large size, beautifully waved, long stems. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1770 LOVELINESS**—Light Pink. Suffused soft pink, edges picoté rose-pink. Free flowering and strong growing. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1771 SNOWSTORM IMPROVED**—White. By far the finest white. Extra large, boldly waved, flowers in fours on long stems. Pkt., 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**SPENCER SWEET PEAS** The newer race or type of sweet peas with extra large flowers, sometimes double the size of the older forms under good cultivation. Many of the Spencers have wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who want to grow the largest and most beautiful blooms with long stems plant Spencers. They are far ahead of Grandiflora type and Hastings' Spencers are simply exquisite.

**1724 ASTA OHN**—Lavender or tinted mauve, sometimes showing pinkish tinge. Early, large and wavy. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1726 COUNTESS OF SPENCER**—Pink. Very large, open form, long stems. The original Spencer. Pkt., 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1728 DOBBIES CREAM**—Cream or primrose. Strong, profuse bloomer, large, wavy flowers. Pkt., 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1730 FIERY CROSS**—Cerule. Scorching fire red, practically sun-proof.



(1724) Spencer Sweet Pea—Asta Ohn

# Bulbs For "The Home Beautiful"

Our earliest and by far most beautiful early spring flowers come from fall planted bulbs. For years and years Holland and France have been noted for their bulbs and over there we find many growers. The great specialist growers are noted all over the world and these great specialists grow bulbs for us to supply you with the most delightful Tulips, Hyacinths, Crocus, etc., that are to be found anywhere.

The writer, W. R. Hastings, has taken special interest in bulb growing, carefully inspecting great growing fields and bulb storing houses in Holland, France and all over America. Also, on the Hastings' Plantation, thousands of bulbs are grown in trials, where we can see just what varieties do best year after year in the South. Our bulb business is growing perhaps faster than any other line of our seed trade and we are doing everything possible to give you the very best tried varieties that we have found to do best in the South.

Some few of our customers think it strange that we pay several dollars or many dollars apiece for some new bulb introductions. It is not strange after we grow them and see that some are beautiful and brilliant new varieties and worth supplying to our customers. As quickly as we can grow or have our special growers produce enough of these especially fine new varieties we list them for sale. We particularly want to call your attention to our prices. Other reliable houses generally charge 25 to 50 per cent higher prices for these highest quality, largest sized bulbs. This means something to you, too.

## Hastings' Mammoth Crocus

**First of all Spring Blooms** The Crocus is the first flower to bloom in the spring. Farther north it is often seen while snow still covers the ground. In the South it is perfectly hardy and may be left in the ground to bloom for years. Most every other thing of beauty seems afraid of frost, sleet, snow and all cold weather, but the undaunted Crocus comes right out with its beautiful appearance and lets us know that spring is on its way.

Crocuses may be planted for bed effects with other bulbs and will bloom and be out of the way before the other bulbs make their appearance. They may be grown also in pots and boxes but their natural and most beautiful effect is from planting them all through your lawn. They grow very low and will not hurt the lawn, which can be mowed or cut close except during the two or three weeks the crocuses are in bloom. So early in the season there is little lawn growth anyway so the appearance of the lawn is not bothered if left uncut while these delightful harbingers of spring are in a profusion of bloom.

Crocuses attract more attention than most any other flower because of their extra earliness and delightful rich colorings at a time when no other flower is in bloom outdoors.

A charming effect is made by planting them in clumps or singly anywhere and everywhere in your lawn. They are most effective, of course, when planted in large numbers, say about 500 in a bed or a part of your lawn.

- 2100 **BARON BRUNOW**—Purplish Mauve. Very pretty and fine.  
 2110 **CLOTH OF GOLD**—Yellow and Brown. Exquisite combination.  
 2120 **NON PLUS ULTRA**—Deep Purple with conspicuous white edge.  
 2130 **QUEEN VICTORIA**—Pure White. Large.  
 2140 **SIR WALTER SCOTT**—White Striped Purple or Lilac.  
 2150 **YELLOW MAMMOTH**—Yellow. Extra large and grandest yellow.  
 2160 **MIXED CROCUS**—All Colors. Our mixture of all colors.  
**PRICES—ALL CROCUS**—Dozen, 45 cents. 100 for \$3.00. 1,000 for \$27.50.



(2160) Hastings' Mammoth Crocus

**CUSTOMER NOTICE**—Practically all bulbs for fall planting are produced in Holland, France and Japan. When they reach us in Atlanta, we ship them to you just as quickly as possible so you can plant early and get better results. Order fall bulbs now so you can get yours as soon as they arrive.

## HASTINGS' NEW GIANT FREESIAS

The sweetest flower that grows. These small bulbs give very delicate and beautiful large blooms, their fragrance being especially delightful. In your home window these exquisite new Freesias will flower in six weeks after growth starts. The glistening flowers are borne on long stems and are very valuable for cutting. Plant a few every couple weeks from August to October for a continuation of blooms. The foliage is very fine and slender and it is well to use light stakes in the pots for support. Our new colored varieties are simply exquisite. Our Colored Freesias, listed below, are the very finest varieties in existence and are grown for us by the greatest Freesia specialist known. He is the originator of the exquisite colored Freesias, Mr. Alois Frey, the foremost grower and authority. Refracta Alba or Purity, the pure white, is, of course, still the most popular variety in cultivation.

2200 **REFRACTA ALBA**—Purity White. Standard and most popular Freesia grown. Our bulbs are  $\frac{3}{8}$  to  $\frac{1}{2}$  inches in diameter, largest size bulbs and necessary for earliest and finest blooms.  $\frac{1}{2}$  to  $\frac{3}{4}$  inch bulbs are worth only \$15.00 per 1,000 and are not very satisfactory, to show you the difference. 6 for 30c. 12 for 50c. 50 for \$1.85. 100 for \$3.50. 1,000 for \$30.00.

2205 **AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth. 3 for 25c. 12 for 75c. 100 for \$5.25. 1,000 for \$45.00.

2210 **CALIFORNIA**—Golden Yellow. Large flower, long stems, extra fine growth and bloom. 3 for 25c. 12 for 75c. 100 for \$5.00. 1,000 for \$42.00.

2215 **CARMENCITA**—Orange Salmon. Buff shading on lower petals; beautiful coloring, long stems. 3 for 25c. 12 for 75c. 100 for \$5.00. 1,000 for \$40.00.

2220 **GENERAL PERSHING**—Pink. Lavender tint, large flower and very popular. 3 for 25c. 12 for 75c. 100 for \$5.00. 1,000 for \$40.00.

2225 **ILENA**—Lavender. Rosy tint, white throat, orange blotch on lower petal. Large, attractive flowers. 3 for 25c. 12 for 75c. 100 for \$5.25. 1,000 for \$45.00.

## HASTINGS' LILY OF THE VALLEY

2695 The finest Lily of the Valley "Pips" in the world are sold by Hastings. They are not grown in America. Holland-grown Pips are cheap, inferior, and they do not produce fine blooms like the Berlin-Wittenberg type, imported direct. These Pips are the best of all for all forcing purposes and will do fine for you for pot or box growing this coming winter in the house.

We are anxious for you to compare our Pips and their splendid blooms with any you can obtain anywhere. Remember, our Berlin-Wittenberg type Pips are "Top-Size" only. They produce strong spikes of 12 to 20 extra large, pure white bells each and are delightfully fragrant. The new crop generally arrives in December, though we may get them in November. We will book your order and ship to you as soon as they reach Atlanta, the finest Lily of the Valley grown, very easy for anybody to grow and about the quickest bulb we know to bloom.

**PRICES**—Top Size Crowns or Pips—6 for 50c. 12 for 95c. 25 for \$1.75. 100 for \$6.00. 1,000 for \$50.00. (For November-December Delivery.) Order Now.



(2200) Hastings' Exquisite Giant Freesias

# Hastings' Giant Trumpet Daffodils



Hastings' Giant Olympia (Left), Empress and Van Waveren Giant (Right) Daffodils, Grown on the Hastings' Plantation.

## HASTINGS' GROWN DAFFODILS

On the Hastings' Plantation near Atlanta these beautiful Daffodils are grown for you. After inspecting practically all Daffodil bulb crops of consequence in America we say you can get no better bulbs. Bulb growers from Holland and England have also verified this, one of the largest growers in the world saying, "Those are the finest I've seen in America, as fine as any grown anywhere." We ask you to order your bulbs as early as possible. Earliest planting gives best results, but we want our regular customers supplied before the loads of orders come from all over the United States for bulbs that cannot be obtained from other seedsmen or dealers.

We just wish you could see these Giants growing on the Hastings' Plantation. We are growing hundreds of thousands and working with about 100 different varieties. They do fine in pots and boxes in the house during the winter and outdoors for the early spring beds, borders and lawn or garden plots. They make beautiful cut flowers.

Daffodils just naturally do well in the South, whether you care for them attentively or whether you only set them out in the lawn. They are graceful and beautiful, rich in color and delightful for all flower purposes. Many friends plant our Daffodils by the thousands and come back for more and other varieties to add to the charm of their permanent home collections.

**Culture** Cover the bulb one and a half times its own depth, planting bulbs 5 to 6 inches apart, depending on the size. For greenhouse, hot bed or house culture treat as Hyacinths, except 3 or more bulbs of one variety are planted in each pot.

**2600 KING ALFRED**—Extra Giant Trumpet. The king of Daffodils. Its size, vigorous growth and deep richness of color make it the **Finest Giant Golden Yellow Daffodil**. Flowers fully 4 inches across and large trumpet 2 inches across. Midseason flowering; height 20 inches. 30c each. 3 for 85c. 12 for \$3.00. 100 for \$22.50. 1,000 for \$200.00.

**2610 OLYMPIA**—Extra Giant Trumpet. See picture above. Out in the field even, the flower grows 5 inches across. Trumpet lips are beautifully fluted, 2½ inches across. For specimens it is a gorgeous monster. There is nothing superior. Perianth light chrome-yellow; trumpet deep chrome-yellow. Second early; height 15 inches. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$25.00.

**2620 VAN WAVEREN GIANT**—Bicolor Extra Giant Trumpet. The biggest Daffodil in the world. See picture above. Perianth soft primrose-yellow with a bright yellow trumpet. Similar to Olympia but slightly larger and later. Height 15 inches. 50c each. 3 for \$1.40. 12 for \$5.00. 100 for \$35.00.

**2510 EMPEROR**—Giant Trumpet. Most popular Daffodil in cultivation; pure yellow primrose of large size with wide, overlapping perianth. Midseason flowering and 18 inches in height. Excellent for naturalizing outdoors. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2520 EMPRESS**—Bicolor Giant Trumpet. Strong, robust grower with large flowers. Trumpet is rich chrome-yellow and perianth is full and white. See illustration above. Very showy. Midseason flowering; 18 inches high. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2618 TRESSERVE**—Extra Giant Trumpet. Exceptionally large, long stemmed, vigorous growing, absolutely beautiful and in perfect taste. 5 inch flowers, broad, serrated trumpet mouth. New and a sensation. Canary yellow trumpet, primrose perianth; 18 inches in height. Finest Trumpet Daffodil. 65c each. 3 for \$1.75. 12 for \$6.00. 100 for \$50.00.

**2530 GOLDEN SPUR**—Giant Trumpet. Perianth and trumpet deep rich yellow; foliage broad and striking. Unusually strong grower and unsurpassed for garden, pots or forcing. First early; extremely free flowering; perfumed; 18 inches. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2548 NELLY**—White Wide Trumpet. Very pale primrose, turning pure white, both trumpet and perianth. Early, strong grower, odd and beautiful medium size flowers; 15 inches. A very beautiful white Daffodil, demanding your attention. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2580 SIR WATKINS**—Extra Giant Incomparabilis. Called the Giant Welsh Chalice Flower. The king of all half-trumpet Narcissi. Sulphur-yellow perianth with deep yellow cup, extra large flower 5 inches across. Midseason; 18 inches. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.



(2600) King Alfred  
Finest Giant Golden Yellow Daffodil Ever Grown



# DAFFODILS—NARCISSI

**2615 THALIA**—Triandus Hybrid, The Orchid Narcissus. The only one of its kind in the world, the most beautiful and exquisite in creation. Hastings' American introduction. We have grown every flowering sized bulb produced in America on Hastings' Plantation. Pure paper white, large, semi-trumpet, chalice flowered, looks like a Butterfly Orchid—and produces 3 to 5 blooms per stem. \$2.50 each. 3 for \$7.00. 6 for \$13.00. 12 for \$25.00. 100 for \$200.00.

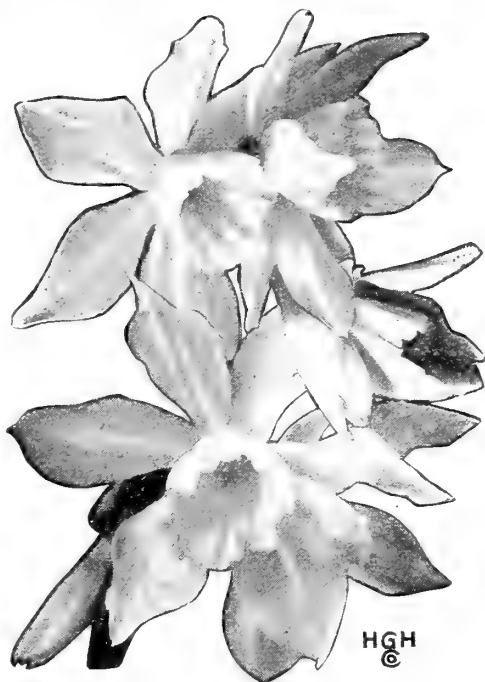
**2565 WHITE LADY**—Leedsii. Finest of its type. Broad, round, overlapping white perianth, pale canary cup, Eucharis shaped. Strongest, largest and richest flowering. 18 inches. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$85.00.

**2505 ASPASIA**—Poetaz. Exceptional, very large, very long stemmed; 4 to 5 striking pure white flowers with yellow cups to each stem. Midseason; 24 inches. Grand. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2535 LAURENS KOSTER**—Poetaz. This variety is especially recommended. Holland is crazy about it. Pure white perianth with yellow cups, edged bright orange. Delightfully perfumed; tall, strong stems. 4 flowers or more on each stem. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.

**2570 POETICUS ORNATUS**—The Poet's Narcissus. Instead of a trumpet or crown, this has a small, wide-mouthed eye or cup. Very hardy; used in large numbers for outdoor use, naturalizing, and indoors in pots and pans. Pure white flowers, saffron-yellow cup margined scarlet. Magnificent cut flowers, free-flowering and popular all over the world. Late; 15 inches. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**2590 ORANGE PHOENIX**—Finest Double, "Bacon and Eggs." From our many trials we have selected this exquisite variety as easily the best and most beautiful of all doubles for the South. Beautiful double white flowers with rich orange nectary. Splendid for pots, cutting and outdoors; exceptional. Midseason; 17 inches. 2 for 25c. 12 for \$1.25. 100 for \$9.50. 1,000 for \$90.00.



(2615) Exquisite New Orchid Daffodil—"Thalia"

## Daffodil Collection

**"A"** One bulb each of 14 of the finest varieties grown today, as listed on Page 34 and above on 35, except **Thalia**. These would cost you \$3.00 if bought separately and a good deal more if bought elsewhere. All these are hardy outdoor varieties that last for years, and also do fine indoors. Not individually wrapped or named—Only \$2.50.

**Daffodil Collection "B"** Three bulbs each of these 14 exquisite varieties, individually wrapped and named, giving you a good start of a very wonderful collection. Only \$7.00.

## PAPER WHITE NARCISSUS

**2650** See picture to left, growing fine in water. The famous Polyanthus or Paper White Grandiflora Narcissus. The easiest grown and most popular of all bulbs. Good for open ground planting in the lower South, winter pot culture in the house and delightfully grown in water as shown in the picture. Our bulbs are of the largest size, grown in the lower South, where they are better adapted than any other place in America. Plant bowls every couple weeks for blooms from December to Easter in the house. Daffodils are fine but nothing can take the place of our large, many flowered Paper White Narcissus—the most popular of all bulbs.

We of the South have a great opportunity with these exquisite, fragrant, many flowered, pure white flowers. Bulbs—3 for 30c. 6 for 55c. \$1.00 per dozen. 50 for \$3.75. 100 for \$7.00. 1,000 for \$60.00.

**2675 GRAND SOLIEL D'OR** The yellow flowered polyanthus or many flowered Narcissus, is grown like our famous "Paper Whites" in the South and is especially adapted to growing in pots and boxes in the house for early winter blooms. It is the popular large bunch flowering variety with clear, bright yellow perianth and bright orange cups or eyes. Excellent variety and delightfully fragrant. 25c each. 3 for 70c. 6 for \$1.35. 12 for \$2.50. 50 for \$9.50. 100 for \$18.00. 1,000 for \$170.00.

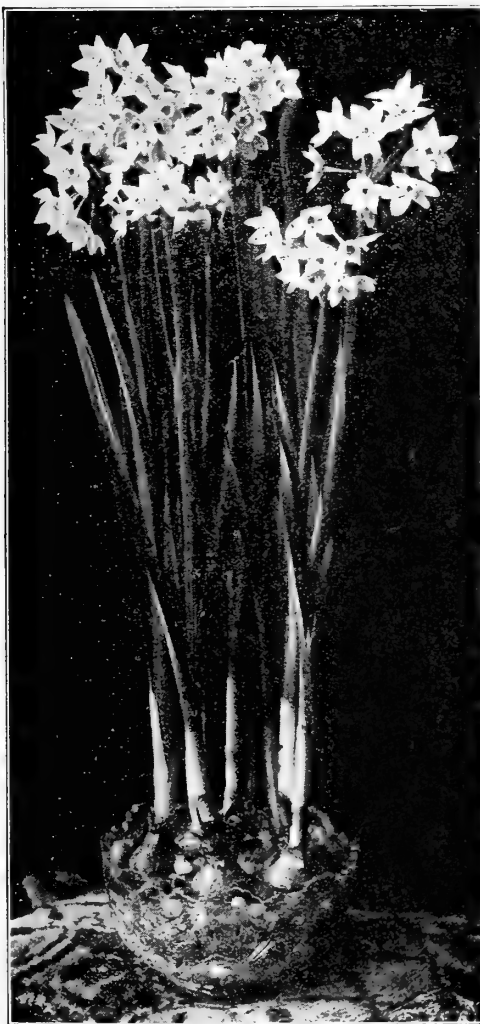
**2700 CHINESE SACRED LILY** This Flower of the Gods, "Shui Sin Far," Water Fairy or Joss Flower as it is called by celestials, is a variety of Narcissus that blooms profusely chaste flowers of silvery white with cups or short trumpets of golden yellow.

These mammoth sized bulbs are of great vitality and luxuriant growth, producing several spikes of flowers within six to eight weeks after planting. They do well in pots of earth but are beautiful when grown in shallow bowls of water with enough pebbles to keep them from falling over when in bloom. A dozen bulbs, started at intervals will give a succession of blooming lilies throughout the winter. 25c each. 3 for 70c. 12 for \$2.50. 100 for \$18.00. 1,000 for \$170.00.

## HARDY EASTER LILY

**2690 LILIUM CANDIDUM—MADONNA OR ANNUNCIATION LILY**—This favorite Easter Lily is hardy outdoors, bears large glistening white flowers on long, strong, stiff stems, three to four feet high. This famous and very beautiful white Lily is known the world over and is grown in large numbers at many homes through the South. Be sure to have some of these beautiful outdoor Easter Lilies blooming in your yard next spring. Ours are the largest bulbs, 26 centimeter size, and are certain to give entire satisfaction. Plant early this fall and have a delightful display of these exquisite Madonna Lilies next Easter time. Mammoth Bulbs—50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$40.00.

**NOTE!** Japanese Lilies reach us about December and are listed in our spring catalog. Our Liliun Candidum bulbs from Northern France reach us about September 1st.



(2650) Hastings' Paper White Narcissus



Portion of Large Bed of Dutch Hyacinths. (2290) Grand Maitre Bordered with (2265) Buff Beauty, Exquisite Color Effect.

**Culture** Hyacinths do best in a rich, light loam but do well in any good soil. For bedding and other outdoor planting, set bedding bulbs 6 to 8 inches apart each way and 10 inches apart for the selected exhibition varieties. Cover each bulb about one and a half times its own depth.

For pot culture with the exhibition varieties the most beautiful spikes are made with only one bulb to each 5-inch pot or three or four in a larger pan. It is essential for blooming indoors that the growth be started in the dark. A frequent mistake is made by forcing the bulbs into the light too soon, resulting in a failure to bloom or weak spikes.

Potted bulbs may be entrenched or heeled in the garden and covered with six inches of ashes or gravel for moisture and to prevent frost damage. A bed of ashes should be beneath the pots too, to keep out worms. They may also be kept dark and well watered in a cold-frame or cool cellar. **Keep them dark for 12 weeks** and then keep them in low temperature (about 50 degrees) for 2 weeks until top growth is well developed. Then you may force them as rapidly as you want. You will have strong, compact spikes by keeping close to the glass or window and giving plenty of air. This extra care is worth while.

For growing in bowls of water, start in a cool, dark place for 12 weeks and then force like potted bulbs.

## SELECT EXHIBITION HYACINTHS

These are the finest selected Hyacinths in existence and the largest sized bulbs grown. They produce huge spikes of brilliant, fragrant, exquisite blooms. With them you know you have the best in all the world. Compare our prices with all others.

**2395 CITY OF HAARLEM**—Yellow. Real exhibition variety; considered the finest yellow Hyacinth. Pure soft yellow, large truss, well filled with bells. Medium maturity, a splendid sort for all purposes and a prize winner. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2390 CORREGGIO**—White. Beautiful purest white. A magnificent large flower truss filled with large bells of excellent substance. One of the finest exhibition varieties. Second early. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2400 GARIBALDI**—Red. Glowing deep crimson-red with a large spike. An early variety of great merit and the best red for early forcing in pots or bowls of water and a fine outdoor grower. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2410 GERTRUDE**—Dark Pink. Dark rosy pink; large compact truss of bloom; strong spike and early bloomer. The most popular pot and bedding Hyacinth because of its color and compact bloom; the florist's favorite. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2415 GIGANTEA**—Blush Pink. The many small bells form one of the biggest heads and it is one of the finest of all for forcing or pot culture. Try it. It's a beauty. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2420 KING OF THE BLUES**—Dark Blue. Perhaps the largest Hyacinth in existence. Splendid, well finished flower-truss of a most brilliant shade of bright indigo-blue; excellent for late forcing and bedding. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2315 LADY DERBY**—Rose Pink. Very fine large, heavy spike, excellent for pot culture as well as outdoors, with strong stem that holds the truss well and bright pure rose pink. Considered the finest rose-pink Hyacinth. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2430 LA GRANDESSE**—Pure White. Stands as yet unrivalled as the queen of white Hyacinths. The intense whiteness of the large, fleshy bells and size and shape of truss are unequalled. Perfect form; see picture on left. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2360 QUEEN OF THE BLUES**—Light Porcelain-Blue. Unusually bright pure azure blue bells of medium size form a big compact truss on a strong stem. Unrivalled for pot culture. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

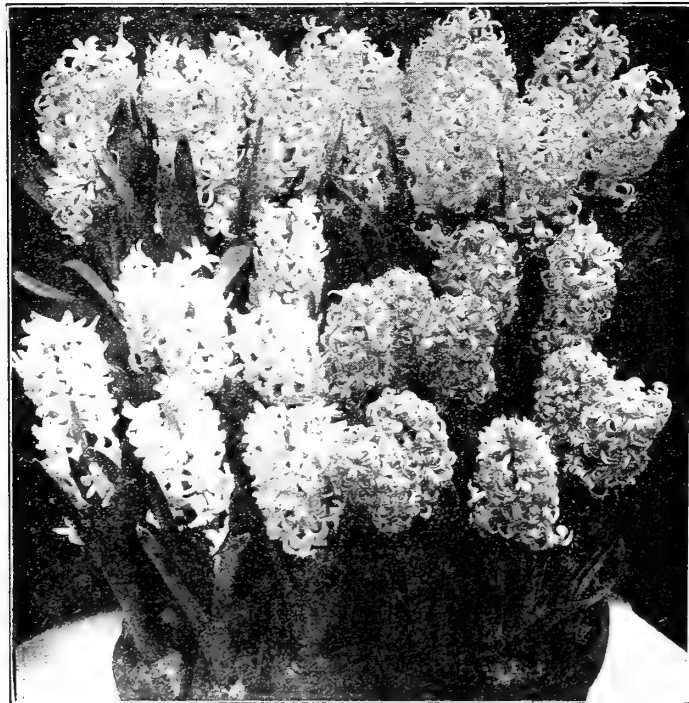
**2440 QUEEN OF THE PINKS**—Pink. New novelty, one of the greatest acquisitions to date. Sport of King of the Blues, just as brilliant in color as its parent; very bright rose pink, clear tone; large spike, large bells. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2445 ROI DES BELGES**—Bright Scarlet Red. Most popular of the deep reds. Upright, well filled large compact truss. Exceptional bedder as well as for indoor culture. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2450 YELLOW HAMMER**—Creamy Yellow. The most popular yellow; early; splendid forcer. Medium sized bells forming a very compact, ball-shaped, very beautiful truss. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**EXHIBITION HYACINTH COLLECTION "A"**—To introduce these wonderful bulbs we offer one each of the 12 varieties above for \$2.50. 3 Exhibition "A" Collections for \$7.00.

**EXHIBITION HYACINTH COLLECTION "B"**—One bulb each of the 6 different colors, our selection of varieties, \$1.35.



Try (2430) La Grandesse, (2450) Yellow Hammer, (2390) Correggio, (2410) Gertrude in Pots and Outdoors. They Are Prize Winners.

# DUTCH HYACINTHS AND IRIS

The following named varieties are, with the Exhibition varieties on the preceding page, the finest varieties in existence. The only material difference is in the size of the bulbs and the slight difference in color. Order the largest bulbs on Page 36 if you can afford it, but you will find the following the finest bedding size bulbs that you can buy. They are especially adapted for bedding and outdoor culture but also do well in pots and bowls of water. Plant these by the hundred.

**2260 ARENTINE ARENSEN**—White. Pure snow white; spike well filled and perfect round shape. Broad, wide open petals. Early, bright and pretty. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2265 BUFF BEAUTY**—Buff Orange. Very large truss of a soft buff or orange yellow. Very satisfactory and a fine yellow Hyacinth. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2270 GENERAL DE WET**—Light Rose. A sport from Grand Maitre; very fine variety with a very broad spike of beautiful light rose flowers. Fine as its parent. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2290 GRAND MAITRE**—Lavender Blue. The most popular blue. Bright deep lavender blue, shaded darker blue; bells form a spike of immense size and perfect shape. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2300 KING OF THE YELLOWS**—Yellow. Handsome compact spike of a rich deep yellow. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2310 LA VICTOIRE**—Red. There is no brighter bedder. Bells are close together, forming a long, heavy, splendidly finished spike. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2320 L'INNOCENSE**—White. The leading white for forcing and bedding; early; pure white. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2325 MARCONI**—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2330 MENELIK**—Dark Blue. Undoubtedly the best very dark blue Hyacinth; almost black, a glittering bluish black. Spike is large and well formed. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2340 MORENO**—Pink. One of the earliest pinks and most popular in Europe. Very heavy truss, almost too large. Extra fine for forcing. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2350 QUEEN OF THE WHITES**—Pure White. New and meritorious; broad, large truss, fine pure white bells, a gem for late forcing and for bedding. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2365 ROBERT STEIGER**—Red. A very choice new introduction for us. We don't know of anyone else in America with this fine brilliant red. 20c each. 3 for 50c. 12 for \$1.90. 100 for \$13.50.

## Bedding Hyacinth Collection

One each of the above 12 first bedding size Hyacinths—just as fine varieties as the Exhibition Hyacinths, but not quite as large bulbs. These are 15 to 16 centimeter bulbs, while the Exhibitions are top size, 19 centimeters and up in diameter. These are excellent for outdoor use and also good for growing in pots and bowls and vases of water. They are sure to give you fine results.

12 Bulbs—12 Varieties—Individually Wrapped and Named—\$1.75 postpaid.

## Mixed Hyacinths

Our own mixture of leading varieties, grown separately, so we know they are all fine bloomers and the finest Bedding Size Hyacinths. 6, all different, 90c. 12, all different, \$1.70. 50 for \$6.50. 100 for \$12.00.

## Hastings' Dutch Iris Bulbs

These exquisite spring flowering Dutch Iris from bulbs are not to be compared with the old Spanish Iris. They are much larger flowers and bloom 2 to 3 weeks earlier. They are superior to the English Iris, a month earlier to bloom and fill a great want and need in our gardens. Flowers are borne on stiff straight stems about 2 feet high; colors are rich and clear. They make unsurpassed cut flowers, all florists want them, and they are beautiful for show in the garden. Plant in rows or beds, about 3 inches deep and 3 to 6 inches apart in any fair garden soil. Plant early in fall for bloom early in April. They immediately follow the Giant Tulips in blooming time.

**2255 ALBERT CUYP**—Yellow and White. Blue-white standards, white throats, gold eyes, yellow lips. 2 for 25c. 6 for 70c. 12 for \$1.25. 100 for \$7.50.

**2260 CAJANUS**—Yellow. Exquisite and rare yellow bulbous Iris. In great demand and worthy. 2 for 35c. 6 for 90c. 12 for \$1.65. 100 for \$10.00.

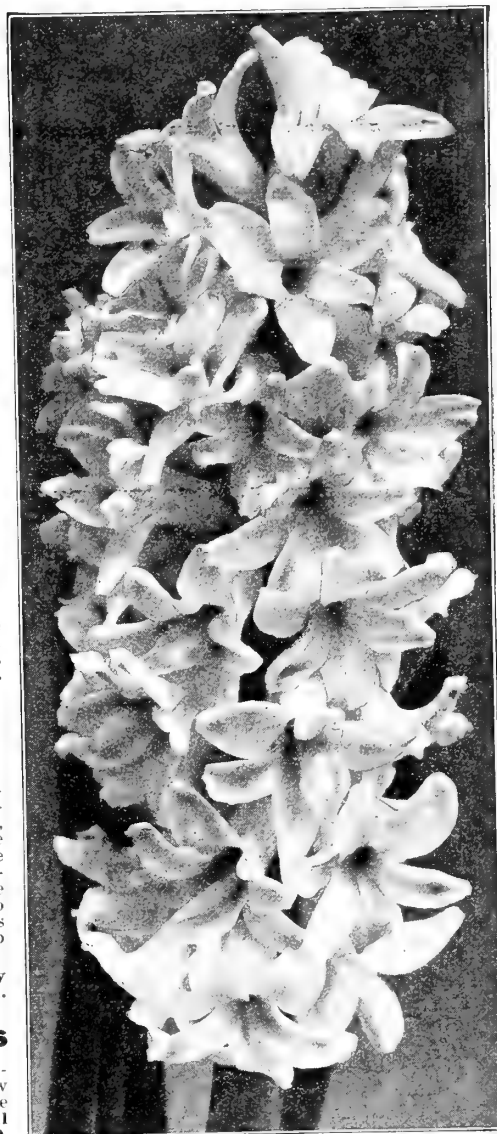
**2265 DAVID TENIERS**—Light Blue. Lighter towards tips, golden yellow eye, creamy suffusion lower lips. 2 for 25c. 6 for 70c. 12 for \$1.25. 100 for \$7.50.

**2270 HART NIBBRIG**—Rich Blue. Deep violet-blue standards, light blue throats, gold eyes. 2 for 25c. 6 for 70c. 12 for \$1.25. 100 for \$7.50.

**2275 IMPERATOR**—Violet and Blue. Filifolia type. Tallest, largest, richest color of all; week later. 2 for 25c. 6 for 70c. 12 for \$1.25. 100 for \$7.50.



(2310) La Victoire Rose Hyacinth



(2320) L'Innocense White Dutch Hyacinth





Well Designed and Pleasing Display of Darwin and Breeder Tulips in Border Clumps—Plant Quantities of Tulips

## HASTINGS' TULIPS

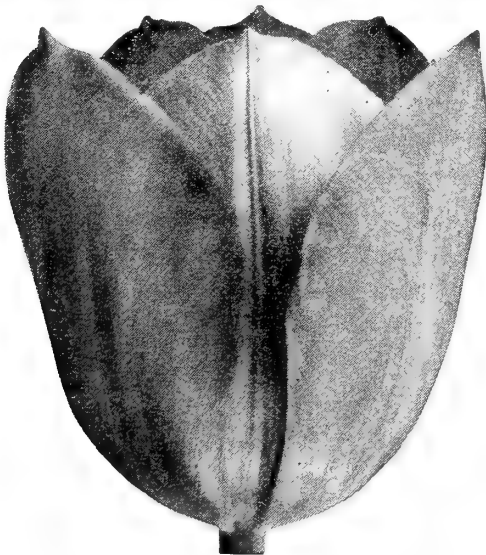
Hastings' Tulip Bulbs are the finest that come from Holland. From our trial grounds study and from observations of large plantings we have selected varieties for their exquisite beauty and general satisfaction. Anyone can do well with them.

Tulips even more than ever are the most popular fall-planted bulbs. Their gorgeous lawn displays in borders and beds cannot be equalled by any other flower. The rich, bright colors and lovely shades of bloom on strong, gigantic stems, many over 2 feet long, capture us all.

Early Flowering Tulips, single and double flowering varieties, are 2 to 3 weeks earlier than other types, but do not grow as tall and are not usually as large as the others. They are fine for low beds, pots, boxes and low borders, are forced indoors or grown outside.

Cottage Tulips are usually yellow and with pointed petal tips. Breeder Tulips are usually of rich buff and bronze shades. Darwin Tulips are usually of solid or self colors. Darwin, Breeder and Cottage Tulips bloom about the same time, are long stemmed with giant blooms and do fine planted together. They should be planted separate from Early Flowering Tulips. Rembrandt Tulips are "broken" forms of Darwins, with odd colorings and color variations. Bybloem Tulips are "rectified" Breeders with odd color flames. Parrot Tulips have very odd parrot colorings and resemblance and have serrated or laciniated petals.

**Culture** Plant bulbs 5 inches deep and 5 or 6 inches apart each way outdoors. A half inch of sand beneath the bulbs gives good drainage for wet weather. For house culture or "forcing," plant as soon as you receive the bulbs from us. Keep cool (55 to 60 degrees is best), because the slower growth makes larger flowers and longer stems.



(2803) Bronze Queen—Aristocratic Breeder

## SINGLE-EARLY FLOWERING TULIPS

**2728 CHRYSOLORA**—Pure Yellow, 12 inches. Medium early. Large flower, fine bedder. 3 for 25c. 75c doz., \$5.00 per 100.

**2729 CRAMOISE BRILLIANT**—Brilliant Scarlet, 12 inches. Early. Long perfect flowers. 3 for 20c. 60c doz., \$4.00 per 100.

**2731 DIANA**—Pure White, 11 inches. Early. Immense flower on a strong stem. 3 for 20c. 60c doz., \$4.00 per 100.

**2743 ROSE GRIS DE LIN**—Delicate Rose, 11 inches. Early. Flushed, most popular pink. 3 for 20c. 65c doz., \$4.50 per 100.

## DOUBLE-EARLY FLOWERING TULIPS

**2754 COURONNE D'OR**—Orange Yellow, 13 inches. Early. Stiff stems, large flower. 3 for 25c. 75c doz., \$5.00 per 100.

**2758 LUCRETIA**—Deep Pink, 14 inches. Medium. Artistic and a beautiful flower. Forces. 3 for 25c. 75c doz., \$5.00 per 100.

**2767 RUBRA MAXIMA**—Crimson, 11 inches. Medium. Deep, brilliant vermilion crimson. 3 for 25c. 85c doz., \$5.50 per 100.

**2769 SCHOONOORD**—New White, 12 inches. Medium. Large full flower. Wonderful forcer. 3 for 25c. 85c doz., \$5.50 per 100.

## REMBRANDT, BYBLOEM, PARROT TULIPS

**2701 APOLLO**—Rembrandt. Rosy lilac and white, deep carmine markings. 20 inches. 3 for 30c. 90c doz., \$6.00 per 100.

**2705 RED PRINCE**—Rembrandt. Fiery red flames on rosy ground. Extra. 20 inches. 3 for 30c. 90c doz., \$6.00 per 100.

**2708 CORNELIA**—Bybloem. Rosy white with violet flames. 20 inches. 3 for 30c. 90c doz., \$6.00 per 100.

**2712 PERL SCHAAP**—Bybloem. Vivid rose and blood red flush. 20 in. Rare Special. 3 for 30c. \$1.00 doz., \$7.00 per 100.

**2718 PERFECTO**—Parrot. Largest Parrot Tulip, golden yellow, red and green feathers. Deeply laciniated petals. Showy and striking. 12 inches. 3 for 20c. 65c doz., \$4.50 per 100.

## GIANT BREEDER TULIPS

Similar to Darwin Tulips except in colorings; immense blooms on long stiff stems. Contrast well with the light colored Darwins and bloom at same time.

**2803 BRONZE QUEEN**—Buff-Bronze, 28 inches. Soft buff, inside tinged golden bronze, yellow base. Fine outdoors and a superb forcer indoors. See picture. 3 for 25c. 75c doz., \$5.00 per 100.

**2805 CARDINAL MANNING**—Wine Red, 28 inches. A beautiful shade of rosy violet, flushed rosy bronze. Large flower on a tall stem and highly recommended. 3 for 30c. \$1.00 doz., \$7.00 per 100.

**2807 DON PEDRO**—Coffee Brown, 24 inches. With a very narrow edge of golden brown; inside rich mahogany, olive base. Large fragrant flower, magnificent planted with lighter colors. Forces well and a highest recommended new Breeder indoors and outdoors. 2 for 35c. \$1.65 doz., \$11.00 per 100.

**2812 KLOPSTOCK**—Silvery Lavender, 26 inches. With dark heliotrope stripe; large yellowish base and intense blue halo. Large long shaped flower of a very beautiful color. Forces well. 3 for 30c. \$1.00 doz., \$6.50 per 100.

**2814 LOUIS XIV**—Dark Purple, 32 inches. Flushed bronze with broad margin of golden brown. Very large globular flower with green-black base, starred yellow. A flower of stately bearing and regarded as the most wonderful Tulip in existence. Forces well. 25c each. 3 for 60c. \$2.00 doz., \$13.00 per 100.

**2816 MEDEA**—Crushed Strawberry, 18 inches. An enormous flower, one of the largest in cultivation; salmon carmine in color, shaded with heliotrope and with a yellow center or base. 3 for 25c. 75c doz., \$5.00 per 100.

**2823 YELLOW PERFECTION**—Old Gold, 26 inches. Fine cupped flower of very rich old gold colorings. Excellent for beds, borders and cut flowers. One of the most pleasing and outstanding of all Tulips. Straight, strong stems, heavy growth, early bloomer. 3 for 30c. 90c doz., \$6.00 per 100.

**50c Breeder Tulip Collection** Breeders are the Aristocrats of the Tulip family. No garden collection is complete without Breeders and they are usually larger than Darwins in flower. You surely want them. We make this, a real bargain offer. One Bulb each of the above 6 exceptional Breeder Tulips (not including 2814—Louis XIV) for only 50c. Six 50c Breeder Tulip Collections for \$2.50.



# GIANT DARWIN TULIPS

Darwins are the perfect cup shaped Tulips with strong petals, tall stems and bright colors through shades of pink to red and purple. There are whites but no yellow Darwins, therefore we include 3 Cottage Tulips on this page, usually distinguished by their pointed petals, to give you full range of colors. Darwin, Breeder and Cottage Tulips, Rembrandt, Bybloem and Parrot Tulips all bloom about the same time and are effective planted or grouped together though the length of stem varies with varieties. Approximate length of stems are given for comparison, which may be considered in selecting varieties for beds and borders.

**2831 CENTENAIRE**—Deep Rose, 28 inches. An exquisite rose-pink with large blue center and flushed claret. One of the finest, large, perfect flowers on perfect stems. Excellent for forcing, beds, borders and cut flowers. 3 for 20c. 60c doz. \$4.00 per 100.

**2832 CLARA BUTT**—Apple Blossom Pink, 22 inches. Clear pink, flushed salmon rose, with blue center and white halo. Medium sized flower of good form and probably planted more than any other variety for outdoor use and forcing indoors. Medium late. 6 for 30c. 50c doz. \$3.50 per 100.

**2835 DREAM**—Heliotrope, 26 inches. Rosy lilac or pale heliotrope, inside deep violet and blue center. Large flower and perfect in form. Splendid for bedding or borders and one of the best, even though of the cheaper varieties. Medium early. 3 for 25c. 75c doz. \$5.00 per 100.

**2838 EUROPE**—Dazzling Scarlet, 24 inches. Richest fiery vermilion-scarlet, shaded rose; clear white center or base. Medium sized flower, a good forcer and splendid with its fiery red color for showy beds. Medium early. 3 for 20c. 60c doz. \$4.00 per 100.

**2782 INGLEScombe YELLOW**—Canary Yellow, 23 inches. Glossy color and large globular flower of perfect form on a strong stem. Good forcer and fine outdoors. It is called Yellow Darwin because of shape without pointed petals. Cottage Tulip; medium early. 3 for 20c. 60c doz. \$4.00 per 100.

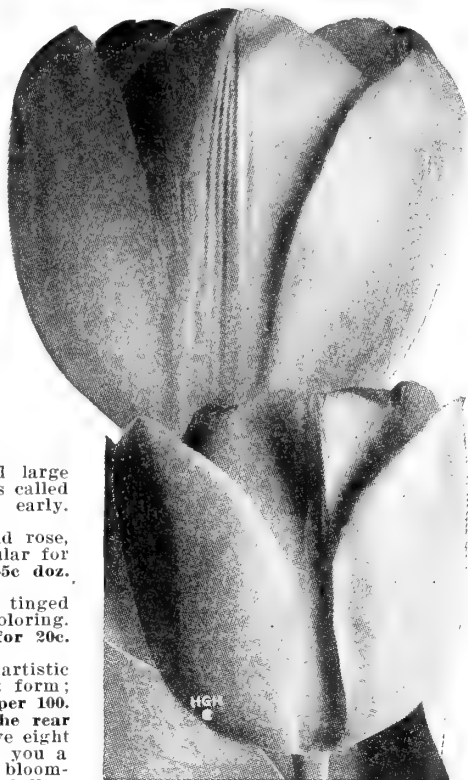
**2865 PRIDE OF HAARLEM**—Rose Carmine, 28 inches. Bright color of deep old rose, appearing velvety red; with blue base. Enormous flower of stately habit, very popular for forcing and superb for outdoor planting. Extremely popular. Early. 6 for 30c. 55c doz. \$3.75 per 100.

**2892 WHITE QUEEN**—White, 24 inches. Also called La Candeur. On opening tinged pale rose, almost pure white when in full bloom; black anthers. Very pretty coloring. Medium sized flower on strong stem; fine for border planting; medium early. 3 for 20c. 60c doz. \$4.00 per 100.

**2898 ZULU**—Purple Black, 27 inches. Rich and velvety deep maroon coloring, artistic and equally fine as a border plant or forced. Large egg-shaped flower of distinct form; rather pointed petals for a Darwin Tulip. Medium early. 3 for 20c. 65c doz. \$4.50 per 100.

## 50c Darwin Tulip Collection

As illustrated from photographs on the rear cover page. One bulb each of the above eight splendid varieties of Darwin Tulips with Inglescombe Yellow Cottage Tulip, giving you a beautiful range of color in these, the most colorful and most stately flowers of spring blooming. A real bargain you won't find elsewhere. 8 Bulbs, 8 Varieties, only 50c. Six 50c Collections (48 bulbs), for \$2.50.



Pride of Haarlem-Clara Butt



Inglescombe Yellow, Picotee, Cottage Tulips

**2829 BLEU AIMABLE**—Blue Lavender, 26 inches. Exquisite soft bluish lilac or pale lavender, shaded steel blue, with white center starred blue. Very large flower of a very distinct shape. Very highly recommended and a beautiful rare coloring. Medium late. 3 for 25c. 75c doz. \$5.00 per 100.

**2841 FARNCOMBE SANDERS**—Bright Scarlet, 30 inches. Brilliant rosy red or scarlet with a clear white center. Very large flower of perfect shape that has become famous as a bedding variety and it is also fine for forcing. It is in very great demand. Medium early. 3 for 20c. 60c doz. \$4.00 per 100.

**2844 GLOW**—Glowing Crimson, 24 inch. Dazzling vermilion; white and blue center. Good-sized flower, good forcer, excellent cut-flower, and unrivaled for massing in borders or shrubs. Medium late. 3 for 20c. 60c doz. \$4.00 per 100.

**2852 MADAME KRELAGE**—Bright Rose Pink, 28 inches. Bright lilac-rose with pale silvery borders. Large flower and very popular Tulip for both forcing and bedding. Highly recommended. Medium early. 3 for 20c. 60c doz. \$4.00 per 100.

**2854 MELLICETTE**—Deep Lavender, 24 inches. Beautiful rich lavender, very pretty form, graceful and in perfect taste. Fine foliage, medium early, good size flower, wide rounded petals. 3 for 25c. 75c doz. \$5.00 per 100.

**2862 PAINTED LADY**—Creamy White, 26 inches. Faintly flushed with soft heliotrope but almost pure white. Fair-sized flower with purplish stems. A very good forcing and outdoor variety. Medium late. 3 for 20c. 60c doz. \$4.00 per 100.

**2788 PARISIAN YELLOW**—Golden Yellow. A clear golden yellow with the characteristic pointed petal tips of the Cottage Tulips, to which this variety belongs. Good for forcing or for bedding. 3 for 20c. 60c doz. \$4.00 per 100.

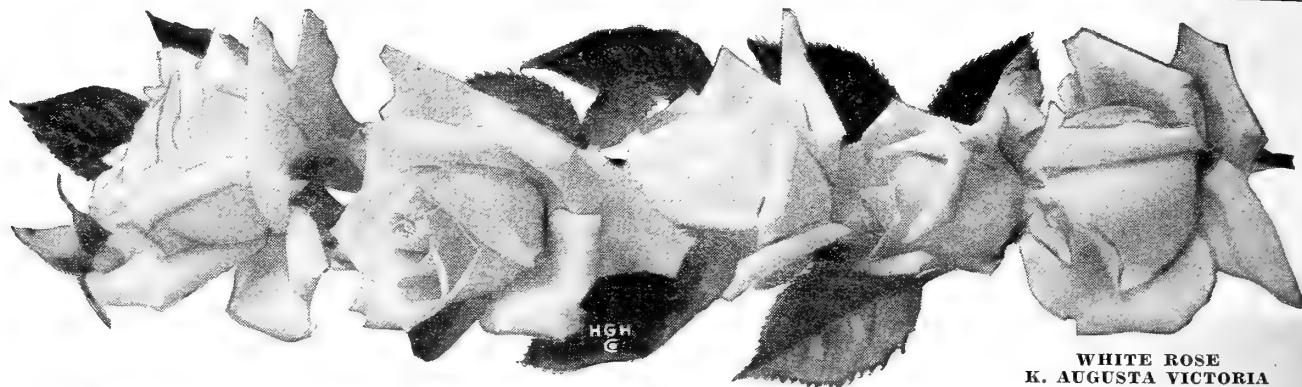
**2789 PICOTEE-MAIDENS BLUSH**—White Bordered Rose, 24 inches. See picture to left. White, margined deep rose, the color suffusing the whole flower on aging; recurring petals. One of the most popular for the border and cutting, beautiful in beds. Cottage Tulip. 3 for 20c. 60c doz. \$4.00 per 100.

**2866 PRINCESS ELIZABETH**—Rose, 28 inches. Exceptional and beautiful, large, rounded cup-shaped flower. Very uniform; in great demand by florists and one of the finest for all purposes. 3 for 20c. 65c doz. \$4.50 per 100.

**\$1.00 Special Darwin Tulip Collection** The greatest value in of. Just think of all these beautiful named varieties described on this whole page. 14 of the most beautiful Darwins in cultivation and 3 most popular Cottage Tulips. 17 Bulbs, 17 Varieties, Only \$1.00. Six \$1.00 Special Collections (102 bulbs) for \$5.00.

**\$2.00 Complete Giant Tulip Collection** To introduce these exquisite aristocrats of color and giant flowers we make this exceptional offer. One bulb each of every Breeder, Darwin, Cottage, Rembrandt, Bybloem and Parrot Tulips, described on these two pages (all but the Early Flowering), including the new Breeder, Louis XIV, as a special premium—the whole range of colors—29 Varieties for just \$2.00. Six \$2.00 Collections (174 bulbs) for \$10.00. 25 \$2.00 Collections (725 bulbs) for \$40.00.

**New Varieties** The Tulips here described are our choice of the most popular varieties. If you want our complete list of the world's finest varieties, including the exquisite new Dido and Walter T. Ware, write for our new Bulb and Nursery Catalog. It will be ready for mailing about October 1st. Write for it now. Tulip bulbs are very cheap this year. Plant a plenty.



WHITE ROSE  
K. AUGUSTA VICTORIA

# HASTINGS' NURSERY ROSES

On the Hastings' Plantation near Atlanta we are growing over a hundred thousand Everblooming and Climbing Roses. These Roses are all grown on their own roots outdoors, are strong plants, two years old, and have been blooming profusely all summer long. They are of the finest outdoor or garden varieties that do well in the South.

We recommend these strong plants for all sections of the United States where Roses can be grown except in Florida and along the Gulf Coast. Budded Roses (next page) do best in Florida and along the coast. This fall, as soon as growth is checked by frost, we shall start digging these plants and shipping them.

Send in your order as soon as possible. We will ship plants to you as soon as it is safe to dig them. Plant them in their permanent places as soon as you receive them from us so they may become well established before coldest weather sets in. Remember! Order now. Shipment is generally by November 15th.

**Prices** 60c each. 3 for \$1.75. 10 for \$5.65. 25 for \$12.90. 100 for \$49.50. (Except where priced otherwise.)

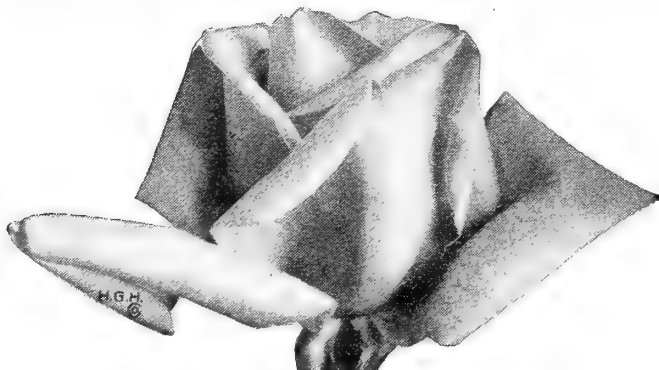
Planting Directions With Each Order. Take advantage of this splendid offer. These Roses are regularly priced at \$1.00 each, not Prepaid, by most of the dependable nurseries. Unless we sell at least 100,000 of these fine 2 year old plants our price will have to be 75c each next year. Order now.

## HARDY OWN-ROOT PINK ROSES

**COLUMBIA**—Bright lively pink; large, fragrant. 60c.  
**DUCHESS DE BRABANT**—Large flowers; salmon pink. 60c.  
**LA FRANCE**—Long buds; bright silvery pink. 60c.  
**MADAME BUTTERFLY**—Pink, apricot and gold. 60c.  
**MRS. CHARLES BELL**—Shell pink; a Radiance Rose. 60c.  
**OPHELIA**—Salmon flesh, shaded rose. 60c.  
**PAUL NEYRON**—Rose pink hybrid perpetual; huge. 60c.  
**PINK MAMAN COCHET**—Coral pink Tea Rose. 60c.  
**PINK KILLARNEY**—See Picture. Long buds; flesh. 60c.  
**RADIANCE**—Greatest Rose of today. Rosy pink. 60c.

## HARDY OWN-ROOT WHITE ROSES

**CLOTHILDE SOUPERT**—Pearly white cluster Rose. 60c.  
**FRAU KARL DRUSCHKI**—White American Beauty. H. P. 75c.  
**K. A. VICTORIA**—See Picture. Large creamy white. 60c.  
**MARIE VAN HOUTTE**—Shining white, pale lemon center. 60c.  
**WHITE MAMAN COCHET**—Immense white Tea Rose. 60c.



Pink Killarney, Popular Flesh Pink Rose—60c.

## HARDY OWN-ROOT YELLOW ROSES

**ALEX. HILL GRAY**—Rich golden yellow; fine buds. 60c.  
**ETOILE DE LYON**—Bright sulphur yellow; fragrant. 60c.  
**F. R. PATZER**—Creamy buff; reverse delicate pink. 60c.  
**HELEN GOOD**—Yellow Cochet; diffused pink. Tea. 60c.  
**LADY HILLINGDON**—Deep apricot yellow Tea Rose. 60c.  
**MADAME FRANCISCA KRUGER**—Deep coppery yellow. 60c.  
**ROSA HUGONIS**—Clear-yellow single. Excellent shrub. \$1.00.  
**SAFRANO**—Bright apricot yellow. Free blooming Tea Rose. 60c.  
**SUNBURST**—Glowing orange; excellent buds. 60c.

## HARDY OWN-ROOT RED ROSES

**ETOILE DE FRANCE**—Excellent velvety crimson; fragrant. 60c.  
**EUGENE E. MARLITT**—Bright carmine-scarlet. Tea. 60c.  
**HELEN GOULD**—Richest watermelon red. 60c.  
**PAPA GONTIER**—Large dark crimson Tea Rose. 60c.  
**RED RADIANCE**—Deep rich red, fine as Radiance. 60c.

## HARDY CLIMBING ROSES

**AMERICAN PILLAR**—Single crimson red; white eye. 60c.  
**CLIMBING AMERICAN BEAUTY**—Rich carmine rose. 60c.  
**CLIMBING HELEN GOULD**—Richest watermelon red. 60c.  
**DR. W. VAN FLEET**—Large deep pink; finest climber. 60c.  
**MARY WALLACE**—Large bright pink; best Pillar Rose. 75c.  
**PAUL'S SCARLET CLIMBER**—Vivid scarlet; best red. 60c.  
**SILVER MOON**—Large, excellent creamy white. 60c.  
**DOROTHY PERKINS**—Clear pink, profuse cluster Rose. 50c.  
**RED DOROTHY PERKINS**—Also small prolific cluster Rose. 50c.

## BARGAIN COMBINATIONS

**The 3 Radiance Roses—\$1.65** Radiance Roses are the most popular Roses in America. Radiance, pink; Red Radiance, red, and Mrs. Chas. Bell, shell pink, are the 3 best Roses of their colors today. This Special Offer is to give you one each of the 3 world's best for only \$1.65.

**The 4 Cochet Roses—\$2.15** In the South the Tea or fragrant Roses are unsurpassed; beautiful large buds and full double flowers. Maman Cochet, pink; White Maman Cochet, white; Etoile de France, the red Cochet; Mme. Francisca Kruger, coppery yellow (a better Rose than the Yellow Cochet.) Only \$2.15.

**The 8 Garden Roses—\$4.35** These 8 of America's favorite garden Roses for your home, a grand collection with the new favorite yellow shades predominating. Lady Hillingdon, apricot; Sunburst, orange; Helen Good, pinkish yellow; F. R. Patzer, cream and pink; Helen Gould, red; Papa Gontier, crimson; K. A. Victoria, white; Pink Killarney. See pictures of last 2. Just \$4.35.

**The Special Dozen Roses—\$5.95** Do you appreciate fine Roses? Here's your chance with a surprise included! Marie van Houtte, Safrano, Duchess de Brabant, Etoile de Lyon, Alexander Hill Gray, Eugene E. Marlitt, Columbia, Clothilde Soupert, Ophelia, La France, Madame Butterfly and our surprise for you, the new pink Pillar Rose, Mary Wallace—All for \$5.95.

**The 6 Climbing Roses—\$2.95** Nothing takes the place of our wonderful Climbing Roses around Southern Homes on trellises, fences and porches. The beautiful climbing American Beauty, Paul's Scarlet Climber, Silver Moon, Dr. W. Van Fleet, American Pillar, and Climbing Helen Gould—All for \$2.95.

**The 2 Perpetual Roses** The famous Paul Neyron, pink, largest of all Roses and Frau Karl Druschki or White American Beauty, most exquisite of all Roses—both hybrid-perpetual Roses—for \$1.25. 3 each of these 2 Roses for \$3.45.

**SPECIAL**—Rosa Hugonis with any collection. 85c.

# HASTINGS' BUDDED ROSE COLLECTION

## 3 Red, 3 White, 3 Pink, 3 Yellow—Everblooming Roses—\$5.95

**BUDDED ROSES**—Especially for the lower South, Florida and along the Gulf Coast, Rose plants grow and bloom best when budded on very hardy, Multiflora Japonica, root stocks. Rose bushes on this page are all No. 1, outdoor grown, large, healthy, properly pruned and carefully dug, Budded Roses—the finest Rose plants you will find in America—sure to grow well and bloom profusely the first year. We begin shipping these Roses as soon as growth is checked this fall, about November 15th.

### HASTINGS' BUDDED ROSE COLLECTION—\$5.95.

Hastings' Budded Rose Collection—3 Pink, 3 White, 3 Red and 3 Yellow, varieties described in this column below—12 exquisite Everblooming Budded Roses—\$5.95. Postpaid.

**BESSIE BROWN**—White. Immense, highly perfumed, very double, creamy white flowers. Glossy, leathery foliage. 65c.

**CHAS. K. DOUGLAS**—Red. Fine, long pointed buds, opening large. Crimson-scarlet; strong, healthy, slightly fragrant. 65c.

**FRANK W. DUNLOP**—Pink. Very large buds and flowers; deep brilliant rose pink; highly perfumed. 65c.

**FRAU KARL DRUSCHKI**—White. Called White American Beauty. Full buds and flowers, well formed. Profuse bloomer. 75c.

**GRUSS AN TEPLITZ**—Red. Brightest red of all Roses and one of the best of all Roses. 65c.

**JONKHEER J. L. MOCK**—Pink. Brightest red of all Roses and strongest Hybrid Tea. Perfumed; prolific; wonderful Rose. 65c.

**K. A. VICTORIA**—White. Picture on Page 40. Pale lemon tint at center; fragrant. Perfect form; superb. 65c.

**LADY HILLINGDON**—Yellow. Superb deep apricot yellow. A really worth while yellow garden Rose. 65c.

**LUXEMBURG**—Yellow. More vigorous and prolific than Sunburst. New, excellent deep yellow Rose. Extra. 65c.

**MME. JENNIE GUILLEMOT**—Yellow. Long, slender buds of pale yellow. Vigorous; fine foliage. 65c.

**RADIANCE**—Pink. Greatest Rose in America today. Brilliant rosy-carmine with rich pink tints. Exquisite. 65c.

**RED RADIANCE**—Red. Rich, deep red, otherwise same as Radiance and Mrs. Chas. Bell. Does fine anywhere. 65c.

### Other Varieties of Budded Roses

Roses below, also those in the Budded Rose Collection, are No. 1, 2-year-old, hardy, field grown Budded Roses—the best Garden Roses grown. **PRICES**—Unless otherwise stated, 65c each. 3 for \$1.85. 10 for \$5.85. 25 for \$13.45. 100 for \$50.00. (Where priced other than 65c each, 10 Plants for price of 9.)

**Red ETOILE DE FRANCE**—Excellent velvety crimson. 65c.

**CLIMBING FRANCIS SCOTT KEY**—Rich crimson-red. 65c.

**CLIMBING AMERICAN BEAUTY**—Profuse carmine-rose. 65c.

**CLIMBING CRIMSON RAMBLER**—Dazzling scarlet sprays. 55c.

**CLIMBING HIAWATHA**—Brilliant carmine, white eyes. 65c.

**CLIMBING RED DOROTHY PERKINS**—Red clusters. 50c.

**CLIMBING REINE M. HENRIETTE**—Large cherry-red. 65c.

**White DOUBLE WHITE KILLARNEY**—Snow white. 65c.

**CLIMBING K. A. VICTORIA**—Ivory white. 75c.

**CLIMBING SILVER MOON**—Large excellent creamy white. 65c.

**CLIMBING WHITE DOROTHY PERKINS**—White clusters. 50c.

**Pink COLUMBIA**—Large lively pink; fragrant. 65c.

**LA DETROIT**—Shell pink, shading soft rose. 65c.

**KILLARNEY**—Picture on page 40. Flesh pink. 65c.

**MRS. CHAS. BELL**—Shell pink Radiance. Superb. 65c.

**PREMIER**—Rich, dark pink of full form. 65c.

**WM. R. SMITH**—Long buds; salmon to flesh pink. 65c.

**CLIMBING DR. VAN FLEET**—Finest pink. 65c.

**CLIMBING DOROTHY PERKINS**—Pink cluster Rose. 50c.

**Yellow MME. BUTTERFLY**—Pink-apricot. 65c.

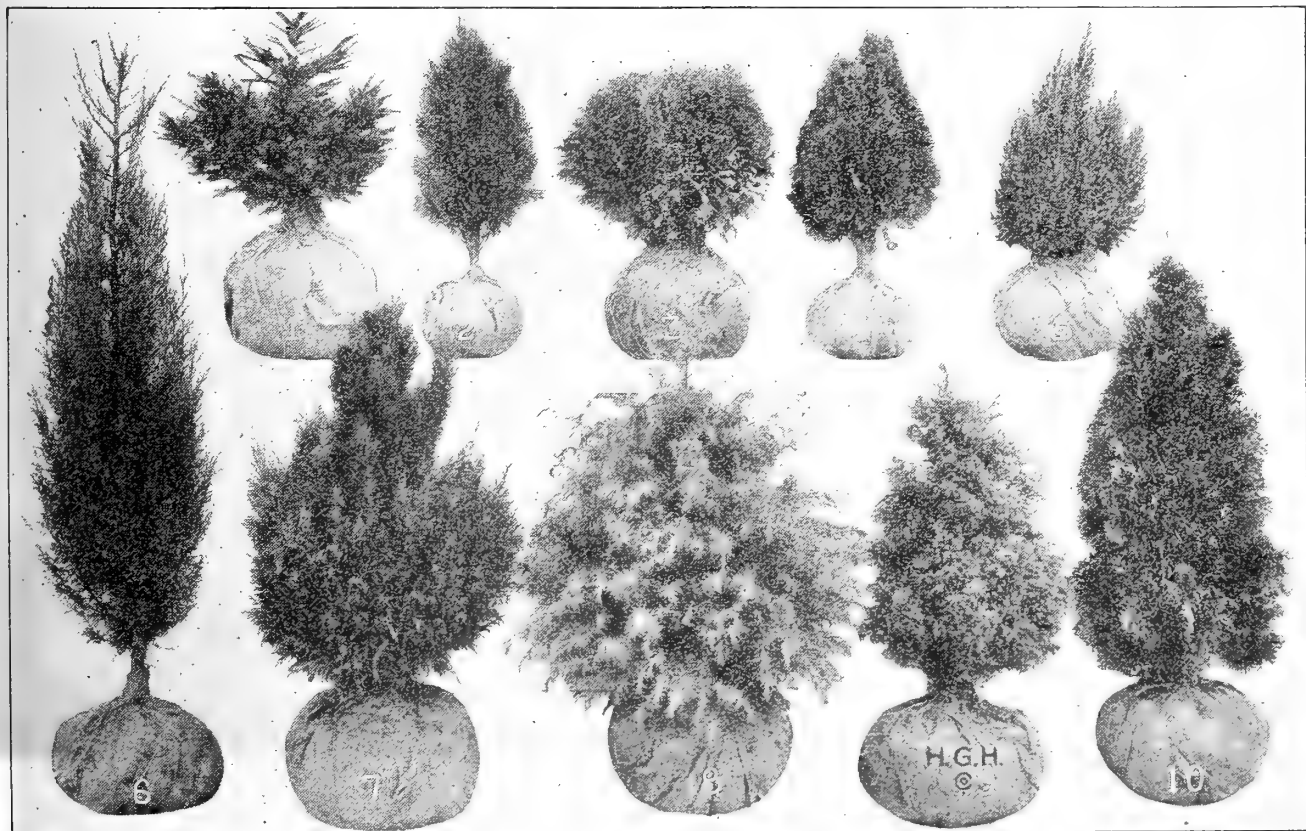
**SUNBURST**—Glowing orange; excellent. 65c.

**CLIMBING MARECHAL NIEL**—Climbing Yellow Tea Rose; delightfully fragrant. Exquisite when cared for properly. \$1.00. 3 for \$2.75.

**Prices**—Unless otherwise stated, Budded Roses on this page—

65c each. 3 for \$1.85. 10 for \$5.85. 25 for \$13.45.

100 for \$50.00.



Pictured above are some of our most popular Evergreens. 1, Norway Spruce; 2, Biota Compacta; 3, Globe Arborvitae; 4, Biota Aurea Nana; 5, Chinese Juniper; 6, Italian Cypress; 7, Retinospora Plumosa; 8, Cedrus Deodara; 9, Retinospora Squarrosa Veitchi; 10, American Arborvitae—all balled and burlapped and ready to crate for shipment. Our Garden Azaleas, Peonies, Abielias, Crepe Myrtle, Altheas, Lilacs, Butterfly Bush, Forsythia and other flowering plants are as fine. Write for our Nursery Catalog if at all interested in landscaping or planting your home grounds.



# 500 ALFALFA

Alfalfa or Lucerne Clover is the most talked of and most widely planted of all clover varieties in the world.

Alfalfa in the South will produce 5 to 7 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. When the plants are destroyed in order to raise other crops on Alfalfa land, the large roots decay and produce a vast source of fertility to be used by following crops.

Fall sowing is preferable although fine results can be obtained from early spring sowing. Get it thoroughly established by first preparing your land, applying plenty of lime, and before seeding you should inoculate the seed. If your land has never had Alfalfa growing on it before, be sure to inoculate the seed with nitrogen-gathering bacteria for Alfalfa, which are necessary. See Farmogerm, Page 47. It is adapted to almost the entire South. Do not sow on wet ground, high and rather dry being preferable, and only cut when coming into bloom.

Do not buy cheap Alfalfa seed. If it's cheap, it is not pure Alfalfa. Weeds are very troublesome to Alfalfa, crowding it out and ruining the quality of your hay, so be sure to get the highest grade seed and no other kind. This is absolutely essential to success. Sow in thoroughly prepared soil, broadcast or in drills, at the rate of 20 pounds per acre.

We sell only the highest grade seed 99% purity or over. American grown seed, the strongest on the market. Postpaid—45c per Lb. Not Prepaid—10 Lb. lots, about 26c per Lb. 100 Lbs. or over, about 24c per Lb. Write for best prices.

## (500) Alfalfa or Lucerne Clover—Most Valuable Clover Known

**503 BUR CLOVER** Builder of Land and Animals. It's a builder from start to finish, adding nitrogen to the soil for succeeding crops, adding vegetable matter, holding plant food from washing away in winter rains, and building up your live stock every day it is grazed.

It is an annual legume, coming from seed each year, furnishes some grazing during the winter, and if grazing is stopped late in March it will make a good hay crop in May. However, most prefer to let it go to seed, thus reseeding the ground for another winter's grazing. In the meantime summer crops can be easily grown on the same ground. The seed matures in time for the land to be plowed by June first. Its growth is strong, even on poor ground. On soils too poor for rye to get high enough to cut, Bur Clover made a growth of 2½ to 3 feet high.

Southern Bur Clover seed is produced in small coiled pods and is sold "in the bur." Sow at the rate of 50 to 80 pounds per acre before September if possible. Early planting gives better stands. It is fine for sowing in Bermuda Grass sod. Lb., 45c. 5 Lbs., \$2.00. Not Prepaid—10 Lb. lots, about 22c per Lb. 100 Lbs. or over, about 20c per Lb. Write for special quantity prices.

**501 Alsike Clover** Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses and with Red Clover for hay or pasture. Grows well in Northern Cotton Belt. Lb., 60c. Write for quantity prices.

**507 Sweet Clover or Melilotus** Also known as Bokhara Clover. As a land-builder it has few equals. Experience on the Hastings' Plantation leads us to seed down our poorer land with it for soil building. It is a coarse clover resembling Alfalfa; in fact, has been called "Alfalfa's twin sister," and using the same kind of inoculation is very valuable in preparing land for Alfalfa. It is fine for raising bees and to build up your poor land. Sow about 12 pounds to the acre in August to October for fall planting. Hulled or cleaned seed. Lb., 40c. Write for prices. Not Prepaid—10 Lb. lots, about 20c per Lb.

**509 White Clover** This clover does well in the Central South. Most all permanent lawn and pasture mixtures should also have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial with rather uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lies comparatively dormant, so it should be seeded into sod or mixed with other clovers or grasses. It succeeds best on moist ground or during a wet season. If sown by itself use 10 pounds per acre, or half that amount in a mixture. Highest grade seed. Lb., 90c. 3 Lbs., \$2.25. Write for quantity prices. Not Prepaid—10 Lbs., about 60c per Lb.

**508 Red Clover** A valuable farm crop in the northern part of the Cotton Belt. Equally good for pasture, hay or soil improvement. Even the first crop makes rich feed and is most valuable for hay. Red Clover is a nitrogen-gathering plant and one of the best soil improvers. Clover is one of the farmers' best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Lb., 65c. Write for quantity prices.

**510 Imported Red Clover** With the higher price of American grown seed, there is a big demand for foreign seed that is adapted for planting here. We handle absolutely no Italian seed, which is worthless. Our imported seed is adaptable and highest quality only. Write for best market prices on amount you want when ready to buy.

**504 CRIMSON CLOVER** Thousands of farmers are now planting winter soil building crops. They have opened the eyes of the South.

Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

One enthusiastic grower wrote: "Crimson Clover is a vegetable gold mine." It will yield under fair conditions 8 to 10 tons of green feed per acre, 1½ to 2 tons of hay, and is considered worth fully \$20.00 to \$50.00 per acre as a fertilizer crop. Succeeds on almost all kinds of soil except the very poorest, but is especially valuable on light sandy or loamy soils. Sow at the last working of staple crops like cotton or corn; it is now also largely used in seeding down orchards. Crop can be grazed during the winter and if stock is taken off in March a full crop will be made. Sow seed broadcast at rate of 20 to 25 pounds per acre and harrow in lightly. Inoculation of seed will practically insure success. (See Bacteria Cultures on page 47). Lb., 40c. 5 Lbs., \$1.75. Write for quantity prices when ready to buy.



(504) Crimson Clover—A Vegetable Gold Mine"



(508) Red Clover



## 400 DWARF ESSEX RAPE

**DESCRIPTION**—Rape in its top growth looks very much like Rutabaga Turnips but it does not form a bulbous root. According to soil and season, it grows 15 to 30 inches high, making a splendid green feed and forage crop relished by all kinds of stock but principally planted for hogs and poultry. It is also popular for "greens" on the table and is a fine substitute for turnip or spinach greens. Rape is very hardy, standing any ordinary cold in the Cotton Belt or farther South. It is ready for grazing in 8 to 10 weeks from planting, with its broad, succulent leaves and we know of no crop planted during the fall and winter that will bring as great returns for such a little expenditure of time and money for seed.

**CULTURE**—Plow and harrow your land down fine. Plant any time during the late summer, fall or winter, August to April, at the rate of 10 pounds per acre broadcasted or 3 to 4 pounds per acre if planted in drills like turnips. If broadcasted, cover the seed by a light harrowing. If there is a showery season Rape may be planted between the corn rows at the last working. It is an extra quick growing green forage plant for use any time during the fall, winter and spring when green feed is especially needed.

**RECOMMENDATION**—Rape makes good greens for the table, is particularly fine as a green feed for poultry, is relished by cows, sheep and all other live stock, but it is especially recommended for hogs. At one of the Experiment Stations one acre of Rape was used, in connection with a small grain ration, to pasture 20 hogs for 3 months. Rape is easily grown, fast growing, hardy and is ready for grazing or green feed much sooner than rye, oats, wheat or barley. It puts and keeps stock in fine condition. Seed is cheap and results are great. You certainly should plant Rape for hogs and poultry.

**400 DWARF ESSEX RAPE**—Packet, 10c. Lb., 30c. Not Prepaid—10 Lb. lots, 15c per Lb. Write for large quantity prices. 100 Lbs., or over, about 12c per Lb.



(400) Plant Dwarf Essex Rape for Feeds and Food

## GRAIN PASTURE MIXTURE

**525 BEST GRAIN PASTURE FOR HOGS AND ALL STOCK**—Hastings' Special Grain Mixture for Hogs and Cattle will supply you more and better green pasturage during the fall, winter, spring and early summer than any other combination we know.

Made of the finest winter growing grains and forage crops, including Oats, Rye, Wheat and Barley for grazing purposes with enough Vetch and Essex Rape in just the right proportion to add variety to the pasture.

This mixture acts as a cover crop, keeping the land from "washing" during the winter rains and turning it under before the summer crop builds up your soil. The grazing stock will manure the land, saving fertilizer and saving spreading it. If you keep stock off while the ground is wet, your land as well as stock will be a lot better off for this grain pasture.

Don't pick the poorest piece of land on your farm and expect good pasturage. Use as good land as you can spare. Divide the pasture in two or more fields if possible so Hogs, or other

stock may be changed from one to another. This allows pasture to come back rapidly when stock is removed and growth is less injured.

Broadcast at least 100 pounds per acre, 150 pounds is better, from September until mid-winter but for best results plant early on good land. Break and harrow land as for oats, sow broadcast and harrow in. Give it a chance and your hogs will be well conditioned for the smokehouse.

**PRICE**—Not Prepaid—50 Lb. Bag, \$3.00. 100 Lb. Bag, \$5.50.

## 401 VETCH, THE WINTER CROP

When we speak of Vetch we mean the plant known as Sand, Hairy or Winter Vetch, which is the hardy variety, standing severe winters in all parts of the South without injury. This is the only variety safe to plant. Do not allow yourself to be fooled into buying the Spring Vetch either under the name of Spring Vetch, English Vetch or Oregon Vetch. Such is also used to adulterate Winter Vetch, and if you are offered Winter Vetch at a low price, look out for it. Spring Vetch is usually worth about 5 cents per pound and it is easy to fool the unsuspecting buyer.

Planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes a magnificent hay crop in spring, coming in ahead of everything else except thoroughly established fields of alfalfa, and at the same time leaves added fertility to the soil.

From our own experience with Vetch, we want to impress on our customers the necessity for early planting. We have had splendid results from broadcasting the seed, mixed with oats, at the last working of both corn and cotton. If planted too late in the summer, results will not be as satisfactory. It matures seed in June and can be plowed under and a summer crop planted. If this is done, the land will be seeded down in Vetch. A good stand will come up during the late summer and will make a heavier growth than it did the first year. If this process is kept up, you will find your land growing richer very rapidly and a magnificent cover crop produced every winter without any seeding expense. We can show fields on our own plantation that have been changed from very poor and unproductive soils to rich and fertile land, simply by the use of Vetch as described above.

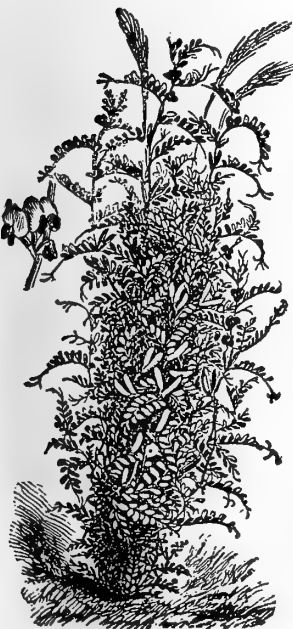
We make this assertion: that, in 3 years' time, and without losing the use of the land, any farmer in the middle South, can change his twenty-bushel-per-acre corn land into land that will make thirty-five bushels per acre. Please note that we are not talking about "brag patches" or hundred-bushel-per-acre yields. We are talking about plain everyday farming. We have tried it and proved it on the Hastings Plantation with the use of Genuine Sand or Hairy Winter Vetch. Start it making your land rich this fall. Seed should be inoculated. See page 47.

Remember—there is no better winter crop in the south than Winter Vetch. We bank on it on the Hastings' Plantation and we recommend it as highly as we possibly can. It's a real crop.

**PRICES**—Packet, 15c. Pound, 40c. 3 Lbs., \$1.10. Write us when you are ready to buy and we will tell you the exact price in any quantity. Genuine Winter, Sand or Hairy Vetch.

## 402 AUSTRIAN WINTER PEA

A remarkable new winter legume, coming rapidly to the front. It resembles an early table or English Pea in size of seed, Canada Field Pea in character of vine growth. It's a heavy yielder, can be grazed and will put on a good second growth with better stooling out. It makes splendid hay, excellent for turning under, a fine winter cover crop and soil improver. It grows about waist high, can be planted by itself or with a light seeding of oats or rye to hold vines off the ground. Try it this fall. Sow 20 to 30 pounds per acre, like Vetch. Pound, 35c. Not Prepaid—10 Lb. lots, about 20c per Lb. Write for prices.



(401) Hairy or Winter Vetch

# PLANT RYE, BARLEY AND WHEAT



Hastings' Georgia Grown Winter Rye—The Best South

## WHEAT CULTURE

Write for our "Grain Book," which gives you detailed instructions about Wheat and other grains. The best time to plant Wheat in the Southern States is from October 15 to December 15, giving the plants a chance to get a start before freezing weather. In early seeding, plant one bushel of seed per acre. After about November 15, it's better to use  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bushels per acre. Plant in drills, using the "open furrow" method, the same as for Oats. Wheat is easily grown in the South and much more of it should be planted.

**Fulcaster Wheat** This is a bearded wheat of the finest type grown anywhere. We are constantly being asked the question, "What is the best variety of wheat?" Now, there is no one best variety of wheat for all kinds of seasons, lands and locations. Some growers prefer a bearded wheat, others won't have anything but a smooth or beardless wheat. Different growers and different sections have their preferences.

Fulcaster is a thoroughly acclimated wheat grown here in the South for many years. It's strong, vigorous and heavy yielding. It makes satisfactory crops in good seasons and bad. It's extremely hardy, standing our severest winters without serious injury.

There are thousands of people each year in the South who plant wheat for the first time and possibly do not give the preparation that more experienced growers would give. To such we especially recommend our Fulcaster for it will stand adverse conditions better than any variety of wheat we know. When you plant Fulcaster you know exactly what you have, an acclimated wheat that makes heavy yields. **Not Prepaid—Bushel, about \$2.50.** Write for prices, sample and freight or express rate to your station when ready to buy.

**Blue Stem or Purple Straw** This is an old favorite among the wheat growers in the South. It's a fine, rather early, productive, beardless variety of wheat, a standard in this section. It has always been a rather early variety, but the strain we are now handling ripens from a week to ten days ahead of the old strain. Good for grain production or if you desire to cut it when "in dough" makes a splendid hay crop. **Not Prepaid—Bushel, about \$2.50.** Write for prices, sample and freight rate when ready to buy.

## HOW TO PREVENT GRAIN SMUT

The greatest drawback to planting grains is "Smut." Smut can very easily ruin a crop of grain and there is hardly a place anywhere that is not infected. We could treat all our grain seeds before sending them out but such is not practical nor effective. You must treat your grain before planting. Here's the way to prevent smut:

Keep all barberry bushes cut close to the ground. Treat every lot of oats, wheat, rye and barley you plant with "Semesan" or "Formalin." The day before planting spread grain on floor and sprinkle thoroughly with a solution of one pint of Formalin to 40 gallons of water, or put solution in barrel and dip sack of grain in it 30 minutes and then spread grain to partly dry. Get Formalin at drug stores. Pint will treat 40 to 50 bushels of grain. Open grain drill a little more than for dry seed when planting. See Page 47 for Semesan.

## HASTINGS' WINTER RYE

**SOUTHERN GROWN**—All our rye is strictly winter rye and perfectly hardy. It is Southern grown and adapted to this entire section, either for winter grazing or grain production. With half a chance it almost invariably "makes good" wherever planted in the South. Every bushel of rye that goes out from this house is right stock. We know exactly from where it comes. Every bushel of it goes through our recleaning machinery, which takes out dust, trash and light grains that are left by threshing machines. It's exactly what you need to make a successful rye crop next winter. **Not Prepaid—Bushel, about \$2.50.** Write for our best prices on quantity you want when ready to buy.

## BEARDED BARLEY

In recent years there has been a great increase in barley planting, especially by poultry raisers, who want it for winter green feed and grazing. Furnishes fine grazing through the fall, winter and spring; also makes a fine quality hay. If not grazed too long Barley may be harvested for grain, making it a dual purpose crop. Very easily grown through the South and your idle land needs this cover crop. Sowed at last cotton or corn working, the only expense is the cost of seeds. All our Barley is recleaned and tested Southern grown winter barley. Broadcast 2 bushels per acre. **Not Prepaid—Bushel, about \$1.75.** Write for our best prices when ready to buy.

**Southern Grains** Oats, Wheat, Rye and Barley are being planted more and more in many sections of the South. You no doubt need more Oats and other grains on your place for winter cover crops, for turning under, for hay and grain and for pasturage.

Plant for all you can use this fall. It looks like a short corn crop in the corn belt as this is written and higher priced grains. Plant a plenty of good, Southern grown, dependable seed grains of dependable Southern varieties this fall to see you through and with a surplus to sell.

**Leap's Prolific Wheat** (Beardless). This new wheat, after carefully growing it on our test and breeding farms, we find to show up better than any other variety of wheat that we have ever tried. We do not jump to this conclusion, but have tried it out right along with some seventy-five other varieties and in every case and test it has shown its superiority. To do this it must be a great wheat and you will agree with us if you give it a try out. It is early, stiff and long in the straw, white chaff, large in the berry, dark in color, hard, hardy, and you won't find a heavier bearer for the South. The hard, dark, large grains in compact heads from the heavy beardless spikes will fill your bins. We couldn't say anything better for any grain. **Not Prepaid—Bushel, about \$2.50.** Write for prices, sample and freight rates to your station when ready to buy.

**Special Prices** Because market prices change often we ask you to write for prices, telling the amount of field seeds you expect to buy and we will send you our best prices and tell you how much the freight or express will be on that amount to your station. **It will pay you.** We shall furnish the very best grains that it is possible to obtain, the only kind you can afford to plant.

There is a lot being said about better farm seeds and the farmer knows well enough that he wants better seeds. He likely knows that Hastings' Garden and Flower Seeds and Hastings' Specialty Field Seeds are the best obtainable. He will also likely want us to supply him with other field seeds, the best that the market affords. May we serve you?

# HASTINGS' 100-BUSHEL OATS

## BEST of ALL HEAVY YIELDING RUST-PROOF OATS for the SOUTH

For paying, worth while oat crops the planter must have a good heavy yielding, well adapted "rust-proof" variety, and then strong, vital, re-cleaned and graded seed of that variety. In the past too little attention has been paid to the quality of seed planted, especially seed grain.

On our part we knew that we could not furnish the best unless we first grew or had grown for us the best quality possible and then re-cleaned it of weed seed and small undeveloped grains. This necessitated our spending thousands of dollars for re-cleaning machinery, steady, regular and effective in seed cleaning.

It is no exaggeration to say that the Hastings' system of re-cleaning and grading increases the stand by at least 15% over seed not re-cleaned. Besides, every plant coming up is capable of making a vigorous plant giving a maximum yield.

Oats are easier to grow than corn, cost less to make and are a far better feed in summer for work stock, being less heating. They furnish a combination of grain and hay feed in case it is inconvenient to thresh them out.

Hastings' 100-Bushel Oat is a true strain of Southern rust-proof oats. For an all around general purpose oat you can find nothing that will compare with it. Planted in early fall it grows off quickly and has proven almost as hardy as rye. Stools out strongly and makes the best kind of grazing for cattle, hogs, horses and mules during the winter and early spring.

**PRICES**—Dealers selling farm run of oats regardless of quality and not re-cleaned or graded can undersell us. So can a person claiming to sell re-cleaned seed when it has only been run through a fanning mill. It will pay you to plant Hastings' Oats even at double the price of ordinary oats. Hastings' grains are of the strongest vitality, over 95% germination, as clean and free from dirt, trash, weed seed, chaff and small or undeveloped grains as the best re-cleaning machinery can make them. Further, we use new, sound bags, and give full, even weights. **Lb., 30c. 4 Lbs., \$1.00. Not Prepaid—Bushel, \$1.50. 10 Bushels, about \$1.25 per Bu.** Write for closest market price on amount you want when ready to buy.



Hastings' 100-Bushel Oats, Growing on the Hastings' Plantation. Order Seed Early and Grow Your Own Feed.

### FULGHUM EARLY OATS

"Extravagant claims have been made for the Fulghum for extra earliness, large yields, etc., which have not been borne out by actual test. However, it is a good early oat with exceedingly heavy straw. A three-year impartial test by one of the Southern Experiment Stations shows that its average date of maturity is eight days earlier than Appller, and the yield per acre each year ranged from eight to ten bushels less than Appller. Apparently its greatest value is a variety to plant for part of the crop, for by planting half the acreage in Fulghum and half in Appller the length of the harvesting season is lengthened and the farmer with limited machinery equipment can handle successfully a larger acreage."

The Fulghum is the best early oat we have seen for the South. We recommend it as an early oat only and for those willing to sacrifice quantity to earliness. It is a clean, vigorous growing, healthy variety for early crops and has practically superseded the Burt or 90-Day Oat in the Cotton Belt. We grow it extensively on the Hastings' Plantation and offer you our best Hastings' Plantation grown seed. **Lb., 30c. 4 Lbs., \$1.00. Not Prepaid—Bushel, about \$1.50.** Write us for best prices on amount you want when ready to buy.

### GENUINE APPLER OATS

A selection from the Texas Red Rust Proof made years ago in Georgia, and was the best variety up to the introduction of our "100-Bushel." It is a genuine "rust-proof" strain and a main crop Oats for you to plant this year. It's a heavy yielder, stools out nicely, is very hardy and we will have the best grade you can buy. **Lb., 30c. 4 Lbs., \$1.00. Not Prepaid—Bushel, about \$1.25.** Write us for best prices on amount you want when ready to buy.

### TEXAS RUST PROOF OATS

Genuine Texas grown seed. We get this variety direct from Texas in solid car lots. While we do not recommend it as compared with "100-Bushel" and "Appler" we can supply the very best re-cleaned seed with the weed seed and Johnson Grass, almost invariably found in them, removed. **Lb., 30c. 4 Lbs., \$1.00. Not Prepaid—Bushel, about \$1.10.** Write for prices on amount you want when ready to buy.

**Remember! Write for prices, samples and express or freight rates as soon as you are ready to buy on all fall grains.**

# SOUTHERN RURALIST



Head and shoulders above every other farm paper in the South stands the **Southern Ruralist**, that best of all practical common sense farm papers.

There are more than one hundred publications being mailed through the Atlanta post office and not a single one of them has the number of readers and the influence of the **Southern Ruralist**. The **Southern Ruralist** is "Supreme in the South."

The time has come when the successful farmer must read, keeping up with the new things in the agricultural world, developments and betterments of methods outside of his own immediate neighborhood.

The farmer who is to succeed in his line of business as other men succeed in other lines of business can no more afford to get along without one or more good farm papers than he can get along with an old style plow or cultivator when something that will do more work and better work is available.

Regardless of whether it be farming or merchandising or manufacturing, the men who are in it must know all they can if full measure of success is to be attained. The more information a person can get the better prepared he is to meet his problems.

We read the **Southern Ruralist** regularly. There is hardly an issue printed that doesn't carry some item of farm information that we can make use of on the Hastings' Plantation and we are mighty glad to get it. We don't care a rap whether useful farm information comes to us through the **Southern Ruralist** or by word of mouth. The main thing is to get the information and be sure of its reliability.

Farming isn't what it used to be in the days of our fathers and

grandfathers. We have farm problems, plant diseases and insect pests that were unheard of in their day. If we are to succeed we must farm on a present day basis instead of on the father or grandfather basis. If we don't keep up with the changes we won't last long in the farming business.

You may think it strange that a whole page of this seed catalog is taken up with the merits of and special price offer of an agricultural paper. It is unusual, but the more our farmer friends read the good and practical ideas and put them in practice on the farms, the better crops at less cost they will produce. This makes a better farmer in every respect and a better seed buying customer of good seeds, the only kind fit to plant.

The farmer who reads and acts on the knowledge acquired will grow more diversified crops; he is a candidate to buy better seeds of better varieties. He will give the garden the attention its importance deserves and in time as he gets better fixed in a money way his wife will want and be willing and able to buy flower seeds and plants that we sell.

The Lord help the seedsmen who has to depend on the business he can get out of the exclusive cotton planting, "land skinning" farmer who can't see any further ahead than a supply merchant to run him, and who as a rule hasn't got the price of a nickel package of collard seed ahead in his pockets. The seedsmen depending on business from that kind of a non-reading farmer would go broke in short order.

We all need to read more and think more about what we read and in that reading we want to make the right start by reading the right kind of a farm paper.

## Why Not Read the Best Farm Paper

This is an absolutely fair, common sense question. Why not? Why not read the best farm paper, one that is edited and printed for your particular section so that the farm information contained therein won't be misleading in any way?

When you begin to study about buying a new plow or cultivator you are not going to buy a plow for instance made for and adapted to Iowa prairie soil or Ohio or New York conditions alone. You are looking for a plow or cultivator to fit Georgia or Mississippi or some other Southern State as the case may be. That particular implement wants to be and must be adapted to your particular conditions. The plow that might just suit the Iowa and Ohio or New York man isn't what you want and would be more or less of a failure if you tried to use it on a different kind of soil than it was built to serve.

It is exactly the same way with farm papers. There are some splendid farm papers published further north. They are fine for the farmers in their particular sections but the conditions they serve are different from the ones you work under. You must have a farm paper edited and made up by men who know the South, know exactly the soil conditions you have, the problems of plant diseases and insect pests that you have to combat, the fertilizing problems, etc., the hundred and one things that the farmer of the South has to deal with which the farmer and farm paper editor of the North know little or nothing about.

We believe absolutely in the **Southern Ruralist**. We have seen it grow from a little four-page monthly with 500 circulation to a magnificent standing and influence, 24 to 64 pages each issue and going to almost five hundred thousand farm families twice each month.

Such growth could only come from giving satisfaction to the readers, giving each year many times the value of the small amount spent for it.

Knowing the **Southern Ruralist** as well as we do enables us to sell it to you under the absolute guarantee of your money back if you are not satisfied. See this "money back" offer below. We have handled tens of thousands of subscriptions for the **Southern Ruralist** in this way and have yet to have a single subscriber ask for his money back.

Below will be found the special offer. Remember, Mr. C. A. Cobb, the editor, and Col. F. J. Merriam, President, as well as all Department Editors are thorough and practical farming men who know and come in practically daily contact with their own and many other farms.

It's a great paper, the best farm-paper, the most practical farm paper in the South. The publishers are wide-awake, well-known, responsible agricultural men that you can rely on and you can't afford not to read the **Southern Ruralist** if you want the largest measure of success on your farm.

## SPECIAL PRICE AND MONEY BACK OFFER

The regular subscription price of the **Southern Ruralist** is 50 cents per year, about 2 cents per copy. If sent in with your seed order we can have it sent to you for 25 cents; that is if you live in Georgia, Alabama, North or South Carolina, Florida, Mississippi or Tennessee. If you live in any other state the price is 50 cents per year. Foreign subscriptions are \$1.00 each per year. (This difference in price is due to the Zone System in calculating postage. In the 4th Parcel Post Zone the postage alone is about 48 cents a year or 2 cents per copy. You see from this that you are actually getting the **Southern Ruralist** free; all you are asked to do is to pay the postage and we will see that you get the magazine. West of Mississippi and north of Tennessee is the 4th zone or further and so we ask you for 50 cents to cover or partly cover the postage.)

We want every Hastings' seed buying customer to be a reader of the **Southern Ruralist** because we know that you will find it worth while; know that if you read it and use the information, you will gain dollars for every cent spent for the paper. Let no one say "I can't afford it" for that tale won't go. About a pound of cotton, about a peck of corn or a couple feeds of oats will pay for the **Southern Ruralist** for a year. On top of this we will guarantee that any time within three months we will refund the money paid and have your subscription stopped if you are not fully satisfied.

In this offer we guarantee full satisfaction and money back if you don't think it worth it. You need the **Ruralist**. Every issue of the twenty-four during the year you will find helpful. Through us you can buy it for 25 cents, with an absolute, positive guarantee of your money back if you are not fully satisfied at the end of three months. You can't get anywhere in this world a fairer, squarer offer than that. Just enclose 25 cents extra with your seed order for the **Ruralist** for one year. We will start it coming promptly.



# Insecticides—Supplies—Cultures

There are two kinds of insects that attack your garden, shrubs, flowers and trees. "Biting Insects" chew up the foliage and to kill them use a stomach poison: Slug Shot. "Sucking Insects" suck the plant juices until plants wither and die and to kill them use a contact poison: Fish Oil Soap and Tobacco. For treatment of seeds, bulbs and soil against fungous growth and insects, use Semesan.

**Slug Shot** All round good insecticide to kill bugs, beetles, green flies, slugs, worms, etc. Doesn't injure foliage. Postpaid—Lb., 35c. 5 Lbs., \$1.00.

**Fish Oil Soap** A wash for insects, larvae and eggs, especially aphids on trees, vines and plants. Lb. box, 35c.

**Tobacco Dust** For aphids and flea beetles, especially in soil and around roots. 2 Lb. box, 35c.

**SEMESAN** The organic mercury disinfectant for dust or liquid use on seeds, bulbs and soil. Anthracnose, fusarium, rots, blight, rust, scab, wilt, mildew, damping-off, smut, scurf and many other diseases are controlled by this great Du Pont disinfectant. We use it extensively on Hastings' Plantation in treating seeds and bulbs and in our plant beds. We would like to treat every lot of seeds and bulbs we sell but it's a poison so we cannot. You can treat all you plant. Write for full information. **POISON!** Cannot be mailed. By Express—Not Prepaid—½ Lb., \$1.60. Lb., \$2.75. 5 Lbs., \$13.00. 25 Lbs., \$62.50. 100 Lbs., \$240.00.

**Watch-em-Grow Plant Food** This is the highest concentrated plant food on the market. It is clean, odorless, soluble in water, quick acting, well balanced and dependable. It is excellent to use on house plants and ferns, in porch and window boxes, for garden plants, for making up potting soil and for touching up poor spots in lawns. Just a teaspoonful in a gallon of water sprinkled about the plants, starts that fine growth and rich bloom that we all want. The Guaranteed Analysis is: Ammonia, 19%; Phosphoric Acid, 10%; Potash, 14%. Total, in perfect balance, 43%, quick acting, available plant food. Postpaid Price—50c per ½ Lb. Can.

**Stim-U-plant Plant Tablets** Modern, efficient and scientific method of fertilizing growing plants. It is plant food in tablet form, containing 11% nitrogen, 12% phosphoric acid and 15% potash. Stim-U-plant tablets are the richest plant tablets sold, highly concentrated, immediately available plant food for all fruit, flower, vegetable and ornamental plants. Try them on your house plants and they will become strong and healthy. Complete directions with package. Trial size, 15c. Small size, 25c. Medium size (100 tablets), 75c. Large size (1,000 tablets), \$3.50.

**StimUplant**  
Makes a  
Wonder Garden

**Bird Seeds** Hastings' Mixed Canary Bird Seed, Hemp Seed, Sweet German Rape, Sicily (Canary) Seed. Each—Pound, 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs., \$1.50.

## Farmogerm—Bacteria Cultures

Making better crops at less cost for fertilizer ought to be the aim and object of every farmer and gardener. Inoculation will help do both. Remember, however, that these bacteria only act directly on what are known as leguminous crops; this includes all kinds of clover, beans, peas, alfalfa, vetches and peanuts. On these the bacteria can be applied with direct benefit—that is, it will make great deal larger crops per acre than you would otherwise get.

Our illustration shows how these bacteria act on the roots of leguminous plants such as just mentioned. The knobs or "nodules," as they are termed, are little storehouses of nitrogen, that costly element of plant food that these bacteria have gathered from the air. Some of this goes to feed the plant while growing, but the larger part remains stored on the roots for crops to follow.

**FARMOGERM**—The first successful cultures and still the best and most effective. It absolutely pays to use these cultures and they are essential for maximum legume growth. Simple directions for use on bottles make it easy for anyone to apply it to the seeds before planting. 1-bu. size will inoculate 1 bushel of seeds or as much seed as you want to plant on one acre.

**REMEMBER!** Each kind of crop takes a different kind of culture. Culture for Group 1 is not any good for crops in Group 2 or other Groups. Order by Group number. Prices are postpaid.

### ORDER BY GROUP NUMBER

Group 5—Special Garden Unit (for 15 Lbs. Peas, Beans, Sweet Peas).....\$1.25

Group 1—For Red, Crimson, Alsike and White Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

Group 2—Alfalfa, White and Yellow Sweet Clover, Bur and Hubam Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

Group 12—For Japan Clover or Lespedeza. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

### ORDER BY GROUP NUMBER

Group 3—All Vetches, Sweet Peas, Garden Peas. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 7—Cowpeas, Peanuts, Lima Beans, Velvet Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 8—Garden Beans, Field Beans, Navy Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 9—Soy or Soja Beans, all varieties. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 10—Hastings' Mung Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.



Seed Was Inoculated

## PULVERIZED SHEEP MANURE

### Best for Lawns, Vegetables, Flowers, Trees, Fruits and Shrubbery

The real secret in making a beautiful, velvety green lawn or park-way, provided you have good, heavy, plump, viable seeds; the real secret in making vegetable and flowering plants grow to perfection from good seeds, lies in preparing a rich, mellow soil.

We use many tons of Sheep Manure on the Hastings' Plantation, especially for our extensive trial grounds and for summer flowering bulbs. We use it on our own lawns each year and sell many carloads in Atlanta, in every month of the year, for lawns and gardens.

### Cheap, Easy to Use—Gets Results

This concentrated, weedless manure will make your lawn and all plants grow luxuriantly. It is not a combination of chemical stimulants but a real soil building plant food—safe and dependable for every fertilizer use. It not only stimulates plant growth but supplies humus to the soil for retention of moisture and air circulation, is slow acting to give plants food over the whole season of growth and it puts new life in worn out soils.



### Prices of Wizard Brand Sheep Manure

Fertilizers are not allowed to be mailed. **NOT PREPAID**—25 Lb. Bag, \$1.00. 100 Lb. Bag, \$3.00. 500 Lbs., or over, about \$2.50 per 100 Lb. Bag. Prices subject to change. Write for our best quantity prices when ready to buy. Sheep Manure is shipped by express or freight.

Wizard Brand Sheep Manure is economical to use in your flower pots, porch boxes, flower beds, lawn and garden, around fruit and shade trees and for shrubbery and other plantings.

One 100-Lb. bag is equal in plant food value to a whole wagon load of barnyard manure. The cost of a load of manure, hauling it, composting it or just spreading it will very likely be far more than the cost of a bag of Wizard Brand. Being dry and pulverized, Wizard Brand is convenient and easy to use, not objectionable to handle and it makes your lawn and garden grow to perfection. It makes good garden soil. For excellent results use 100 pounds, one bag, to 1,000 square feet (plat 20 by 50 feet) of lawn or garden or flower yard. Use 1,000 pounds or more per acre. Grow the finest vegetables and the most beautiful flowers in your neighborhood this year and have a velvety green lawn with Sheep Manure.



# Grass Seeds—Hay, Lawn, Pasture

## LAWNS, GOLF COURSES, PARKS, POLO GROUNDS

See Page 3 for Lawn Grass Mixtures! We make a specialty of grasses. We have only the highest grade seeds, the only kind for success and satisfaction. New subdivisions, golf and polo grounds, parks, shady lawns, grass tennis courts, etc., that need real attention are our most interesting problems. Write us your problems and write for our special quotations on quantity lots. We can and will serve you best.

**533 Kentucky Blue Grass** Excellent lawn grass; and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer; more effective the second year than first. Deep vivid green, leaf blades very narrow and plants are slightly creeping. Ideal growth is 12 inches if left uncut. We make a specialty of fancy re-cleaned Blue Grass Seed for extensive lawn work throughout the South, where pure vital seed, free from weeds, is essential. Sow 5 pounds per 1,000 sq. ft. for lawns; 40 pounds per acre for pasture. **Lb., 55c. 5 Lbs., \$2.50. Write for quantity prices. Not Prepaid—10 Lb. lots, about 45c per Lb. 100 Lbs. or over, about 40c per Lb.**

**536 Italian Rye Grass** Makes excellent winter grass following Bermuda in the South and makes heavy hay crops on rich land. An annual grass with tall, broad, flat leaves; plants grow in tufts if left uncut. Ideal growth in early summer is 3 feet if left uncut. Very valuable for Southern winter and spring lawns with its quick and fast growth. Scratch it in Bermuda sod each fall for a velvety green lawn the year round. Sow 5 Lbs. per 1,000 sq. ft. for lawn; 45 Lbs. per acre for pasture. **Lb., 35c. 5 Lbs., \$1.50. Write for quantity prices. Not Prepaid—10 Lb. lots, about 20c per Lb.**

**535 English or Perennial Rye Grass** Similar to Italian Rye Grass, lasts longer farther north but acts as an annual in the South. Rapid grower, fine winter and spring lawn grass with its quick growth; smooth, narrow, flat, shining leaves, ideally reaching 2 feet in summer with moist, medium soil. Especially valuable for fall and early spring planting. Also very valuable for hay and pasture. Sow 5 Lbs. per 1,000 sq. ft. for lawn; 45 Lbs. per acre for pasture. **Lb., 35c. 5 Lbs., \$1.50. Write for quantity prices. Not Prepaid—10 Lb. lots, about 20c per Lb.**

**532 American Rye Grass** This domestic seed is experience has shown it suitable and adapted. It is generally about 80% to 90% Italian and 10% to 20% English Rye Grass, grown in the northwest instead of being imported from Europe. **Lb., 30c. 5 Lbs., \$1.25. Not Prepaid—10 Lbs. or over, about 15c per Lb. Write for prices.**

**545 Red Top or Herd's Grass** Valuable for lawns and pastures with leaves narrow, becoming very narrow with lawn cultivation. Plants slightly creeping and ideally growing 2 feet high in early fall. Grows on all soils but best on low, stiff, moist land. Holds well in summer if repeatedly mowed; stands wet weather and overflowing for even 2 or 3 weeks. Chief value is for winter pastures. Sow about 15 Lbs. per acre. **Lb., 55c. Write for prices. Not Prepaid—10 Lb. lots, about 35c. per Lb.**

**542 Orchard Grass** Widely used for hay and pasture and it even thrives under trees. Grows on all soils, reaching ideally 4 feet in late spring with its large bluish green plants with flat leaf bases. Bears closest grazing. Sow about 45 Lbs. per acre. **Lb., 45c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 22c per Lb.**

**546 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet in summer on rich land. Sow 30 Lbs. per acre. **Lb., 35c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 15c per Lb. 100 Lbs. or over, about 12c per Lb.**

**541 Tall Meadow Oat Grass** Valuable for hay and pasture; grows 4 feet tall in early summer; furnishes two cuttings annually and is very hardy, standing heat and cold in practically all soils. Vigorous plant with very broad leaves resembling a slender, small oat plant. Sow 33 Lbs. per acre. **Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 18c per Lb. 100 Lbs. or over, about 16c per Lb.**

**538 Meadow Fescue or English Blue Grass** Grows 3 feet tall in summer with very broad, flat leaves; giving an abundance of hay and pasture on any soil not water-logged. Sow about 35 Lbs. per acre. **Lb., 45c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 35c. per Lb.**

**530 Bermuda Grass** Seed should be sown between March and June. Seed will not grow when ground is cold. **¼ Lb., 25c. Lb., 75c. Write for prices. Not Prepaid—10 Lbs. or over, about 50c per Lb.**

**537 Johnson Grass** Planted in early fall or spring, 50 Lbs. per acre, will give permanent summer pasture and hay crop forever. **Lb., 40c. Not Prepaid—10 Lbs. or over, about 18c per Lb. Write for prices.**

**553 Carpet Grass** Plant 10 Lbs. per acre this winter in the lower South, early spring farther North, on moist lands. Delivery after October 1st. **Not Prepaid—10 Lbs. or over, about 40c per Lb. Write for prices.**

## 551 HASTINGS' PERMANENT PASTURE MIXTURE

This mixture is only recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina, but in North Carolina, Tennessee and further north you will find it gives good results and is fairly permanent. It should be planted in the fall or early spring and the land should be thoroughly prepared, rich or heavily manured and fertilized, worked smooth and fine. You must have good soil and a good seed bed before planting. Sow at least 35 pounds of seed per acre and it is best to add a pound each of Red Clover and Alsike Clover seed to each 10 pounds of

the mixture. Clover and grass seeds won't mix evenly so buy the clover separately. There is no Bermuda or Johnson Grass in this mixture. Hastings' Permanent Pasture Mixture is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog's Tail and English or Perennial Rye Grasses. Prepare your land thoroughly, plant this fall, which is far better than early spring planting. **Lb., 50c. 5 Lbs., \$2.00. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c. per Lb. Prices subject to change. Write.**

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**Please do not write in above space**

F27

**PLEASE DO NOT WRITE IN THIS SPACE**

(Mark X in square for desired shipment)

(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

(If Different from Your Post Office)

House No.  
and Street

**BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 3**

**PLEASE DO NOT WRITE IN THIS SPACE**

**Remember---No order too large or too small to send to HASTINGS'**







## Hastings' Shady Lawn

Hastings' Evergreen Lawn Grass Mixture, with the addition of imported varieties that stand shady conditions better than other grasses. See page 3.

Lb. 60 cts., 5 lbs. (enough for 1,000 sq. ft.), \$2.75

## Hastings' Sunny South Mixture

For the Lower South and for a quick show anywhere, this mixture makes a splendid winter and spring lawn.

Lb. 50 cts., 5 lbs. (enough for 1,000 sq. ft.), \$2.25

See page 3.

## HASTINGS' EVERGREEN LAWN GRASS SEED

Make your "Home Beautiful" this fall with a real "Hastings Evergreen" lawn. The most beautiful lawns over all the South are Hastings' Evergreen lawns. This velvety green lawn mixture contains grasses that grow successfully in the South. The finest lawns are made from fall planting. Our own special adapted mixture for sale only at Hastings' in Atlanta. See page 3.

LB. 55 CTS., 5 LBS. (ENOUGH FOR 1,000 SQUARE FEET) \$2.50

# H. G. HASTINGS CO.

The South's Seedsmen

**ATLANTA  
GEORGIA**

*"Everything That  
Grows!"*



## Hastings' 50-Cent Giant Darwin Tulip Collection

These 8 Giant Tulips, in the most brilliant array of all spring colors, the choice varieties of today, all pictured above:

1. **Clara Butt** (light pink); 2. **Centenaire** (deep pink); 3. **Zulu** (violet-maroon); 4. **White Queen**; 5. **Pride of Haarlem** (red); 6. **Europe** (bright flame); 7. **Inglescombe Yellow**; 8. **Dream** (exquisite lilac).

One bulb of each (8 in all), for only 50 cents. Six 50-cent Collections for \$2.50. EXTRA! Notice picture of border planting—100 bulbs each of above 8 varieties (800 bulbs), only \$30. 25 bulbs each (200 bulbs), \$8.

## Hastings' \$1 Special Tulip Collection

Giant Darwin Tulips are now taking America by storm. We offer the greatest \$1 collection in America—the 8 varieties above and also 9. **Bleu Aimable** (blue-lavender); 10. **Mr. Farncombe Sanders** (scarlet); 11. **Glow** (crimson); 12. **Mme. Krelage** (rose-pink); 13. **Mellicette** (silvery violet); 14. **Painted Lady** (cream, flushed lavender); 15. **Parisian Yellow**; 16. **Picotee** (white, edged rose); 17. **Princess Elizabeth** (beautiful deep pink). Full descriptions on page 39.

17 bulbs, 17 most popular varieties, only \$1. Six \$1 collections (102 bulbs), a grand display, only \$5. 25 bulbs each of these 17 varieties (425 bulbs), \$17. 100 bulbs each (1,700 bulbs), \$65.

NOTE! These are all carefully selected, top-size Holland bulbs, very cheap this year.

